

NETWORK SOLUTION AND STRUCTURED CABLING SYSTEM



• **COPPER SOLUTIONS**

• **FIBER SOLUTIONS**

• **NETWORK CABINET & RACKS**

• **DATA CENTER AND POWER DISTRIBUTIONS**

CATALOGUE

“Trusted Name in Networking”

www.dnetnetwork.com



WARRANTY PERFORMANCE

As your professional partner, **D-NET** offers a 20-year performance warranty directly to you, as the end user, not to the independent system integrator or network specialist who happens to install the network for you.

This warranty distinguishes **D-Net** in the rapidly growing market.

The 20-year warranty applies to premise cabling installations consisting of 100% **D-Net** products or **D-Net**-approved products. Systems must be installed by authorized contractors (registered with **D-Net**).

For further details, please ask for a copy of the **D-Net** warranty statement.



D-Net is a one-stop shop network solutions manufacturer, offering a complete line of fiber and copper structured cabling solutions suited for the LAN environments. Additionally, **D-Net** carries a full range of networking cabinets and termination tools and other supplemental products. Our design, development, marketing and management team work in close collaboration to ensure excellent products and solutions. These solutions not only meet regional requirements, but also exceed those of well-recognized international standards, such as UL, ISO, IEC and TIA, ETL. **D-Net** solutions overs OS2, OM2 and OM3 standards for fiber and Cat.5 to Cat. 6A family in UTP and shielded varieties for copper product line. All **D-Net** products are available through an extensive network of distributors and partners in each continent. The 20-year end-to-end installation certificate offered by **D-Net** Certified Engineers gives customers the satisfaction and ease of mind for many years to come.

D-NET NETWORK

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D-Net Network provides complete and state-of-the-art LAN cabling solutions and components for all needs of enterprise customers since 2004. Our high-performance network infrastructure solutions based on innovative designs and highly advanced technology are the first choice for all applications. Combining unmatched reliability with the unparalleled D-Net Lifetime warranty, D-Net Cabling Systems is your key to years of fail-safe and trouble-free operation, minimizing system downtime and maximizing your profits.

D-Net Extensive Product portfolio:

- Optical fiber cable assemblies
- Copper structured cabling
- Cable management accessories
- Connectivity components

Today's network cabling systems have to cope with the ever-growing demands of greater and greater bandwidth absorption within the local area network. D-Net Fiber/copper systems provide the IT Manager with a complete open cabling system from the point of entry, to building distribution, to floor distribution, to wiring closet, to wall outlets, and ultimately to the desk.

Why D-Net?

D-Net's strong, visionary leadership has been guided by an enduring set of Values that define our relationships with employees, customers, and the communities in which we operate around the world. We have a decision-making culture that provides employees with a global network of people who are dedicated to advancements in cutting-edge fields, working to produce breakthrough technologies and quality products that out-perform the competition. Our continued success begins with what drives us to do what we do every day. Our success begins with Our Values.



D-Net TECHNICAL DATA SHEET
Trusted Name in Networking CAT 6 UTP CABLE

RoHS COMPLIANT

U/UTP 4Pairs cable-category 6-PVC Sheath

Z.LI. 04020054 cord: A-100428-99-17

Revision Record						Approval Record	
Revision Status	Modify method	Modify No.	Modify Page	Effective Date	Modifier Date	Distribute No.	Prepare
							Review
							Approve

Content of the Data Sheet

Sheath Printing It will be printed as customer's requirement with batch produce.

Category U/UTP CAT6-4P-PVC

Test Standard ISO/IEC11801, TIA/EIA-568-C.2, YD/T1019

Conductor Material Solid Bare Copper

Nom. O.D. (mm) 0.550 up +0.005 down -0.005

Insulation Material HDPE

Diameter 0.95±0.03mm

Sheath Thickness 0.55±0.05 mm

External O.D. 6.2±0.4 mm

Surface Clean, Frap, Satiation

Material PVC (complies RoHS)

Color According to the requires

Letter height 3.0±0.3mm

Surface Printing Color Black

Print error & Space ≤±0.5%, 1m

Core Color 1 White-Blue/Blue 2 White-Orange/Orange 3 White-Green/Green 4 White-Brown/Brown

Packing Wooden Tray & Carton

Carton dimension 40.5*40.5*21cm

Packing length 305±1.5m

Rip-cord Yes Drain wire No

Before Aging Tensile Strength (Mpa) ≥13.5 Elongation(%) ≥150

After Aging Tensile Strength(Mpa) ≥12.5 Elongation(%) ≥125

Cold bend: 20±2 °4h) 8×Cable O.D.

No visible cracks

Electrical Characteristics (20 °C)

DC Resistance (D/100m) max 9.5

DC Conductor Resistance Unbalance (%) max 5.0

Note: The fire retardant of the outer sheath should be comply with national standard.

1 of 1

etisalat APPROVED 2013

UNITED ARAB EMIRATES
MINISTRY OF ECONOMY

الإمارات العربية المتحدة
وزارة الاقتصاد

Trade Marks Department إدارة العلامات التجارية

شهادة تسجيل علامة تجارية

عملاً بأحكام المادة 16 من القانون الاتحادي رقم 37 لسنة 1992 وتعديلاته بشأن تسجيل العلامات التجارية تشهد وزارة الاقتصاد أن العلامة التجارية التي سبق تقديم طلب تسجيلها تحت رقم: 260488 بتاريخ: 2016/09/28 من قبل: ش.ن. النحو الجديد لشبكات الكمبيوتر (ش.ذ.م.م) الموطنين: ص.ب. 43607 - الإمارات العربية المتحدة، دبي،

صورة العلامة

D-NET

اسم العلامة: D-NET TRUSTED NAME IN NETWORKING

رقم الفئة: 9 (بيان المنتجات موضح خلف الصفحة)

قد تم تسجيلها بتاريخ: 2017/04/24

وسيط التسجيل نافذ المفعول لمدة 10 سنوات اعتباراً من: 2016/09/28 وينتهي في: 2026/09/28

ويجوز تجديد الحماية وفقاً لأحكام المادة 19 من قانون العلامات التجارية لمدد متتالية أخرى كل منها عشر سنوات.

الإشتراطات: الحماية للعلامة في مجملها والتنازل عن الكلمة NET, NETWORKING كل على حدة في الوضع العادي

مدير إدارة العلامات التجارية

تحريراً في: 2017/04/24

Intertek

ETL VERIFIED

Intertek

ETL Verified Certificate of Conformance Number: 101265851CRT-001

On the basis of the tests undertaken, the sample(s) of the below product have been found to comply with the essential requirements of the referenced specifications at the time the tests were carried out.

Applicant: New Trend Computer Networks LLC
P.O. Box # 43607
Dubai, United Arab Emirates
Contact: Mr. Ashok Kumar Maheshwari

Manufacturer: New Trend Computer Networks LLC
P.O. Box # 43607
Dubai, United Arab Emirates
Contact: Mr. Ashok Kumar Maheshwari

Verification/Report Number: 3154387CRT-003 and 3154387CRT-004

Product Tested: 4 pair, 23 AWG, UTP, CMR, Non-Plenum Riser, Horizontal (solid) Cable.

Model(s) and or Brand Name: D-NET DN-C6-02

Standard(s)/Specification: ANSI/TIA-568-C.2 and ISO/IEC 11801 Category 6 with the applicable electrical transmission characteristics

Jacket marking shall include: ETL Verified to ANSI/TIA-568-C.2 and ISO/IEC 11801 Category 6.

Continuing compliance to this specification is monitored through production testing, quarterly inspections by Intertek at the production facility and random sample testing.

Date Verified: 7/29/2013

Approved By: John Cash, Technician; Antoine Pelletier, Team Leader

This verification supersedes all previous verifications with the noted Verification/Report number(s) dated before this verification notice.

NOTE: This verification is part of the full test report(s) and should be read in conjunction with it.

This Verification is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Verification. Only the Client is authorized to copy or distribute this Verification. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results referenced from this Verification are relevant only to the sample tested. This Verification by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

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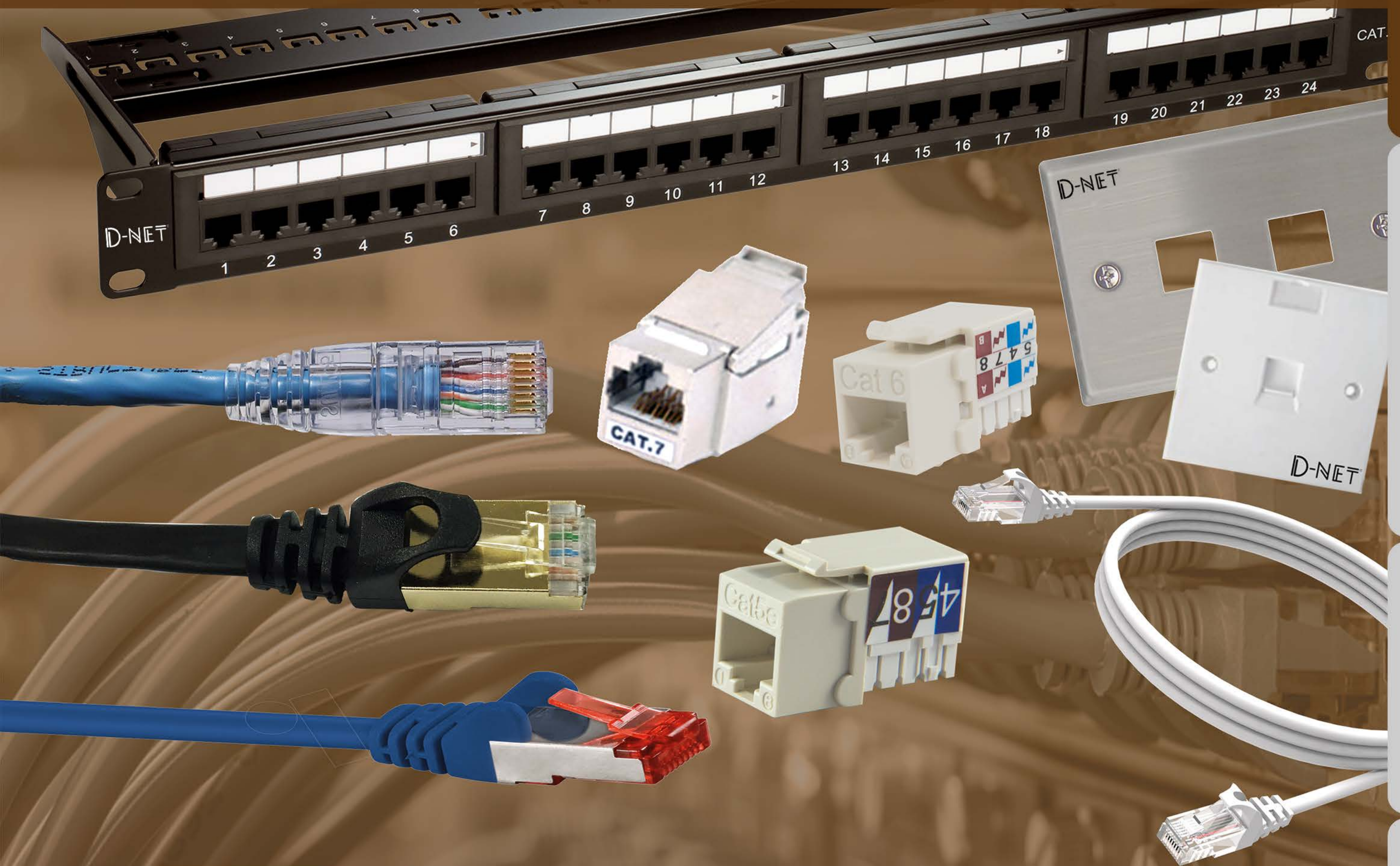
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Network Structured Cabling System



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CAT 5E U/UTP CABLE



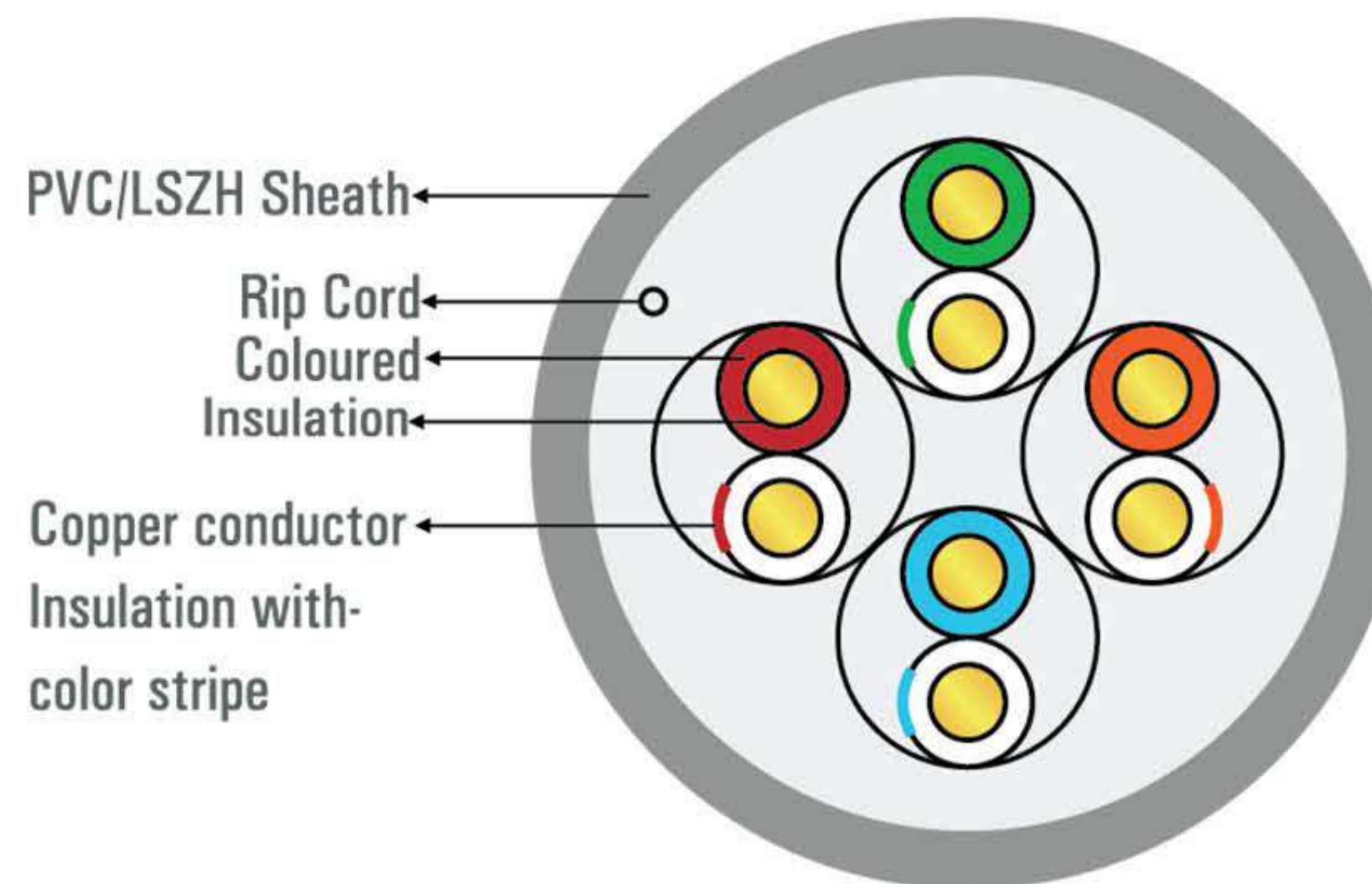
CAT5E U/UTP 24AWG Solid:305M

CAT5e U/UTP Cable supports Gigabit Ethernet (1000 Base-T) standard. Operates at a bandwidth up to 100 Mhz. This cable well exceeds the requirements of TIA/EIA-568.C.2 and ISO/IEC 11801



SPECIFICATION

- Category : 5e UTP Solid cable
- Conductor : 24 AWG Multi-cores (Solid)
- Conductor Meta : Bare Copper
- Insulation Materia : HD-PE
- Jacket hardness : 45P (90A ± 2A, Shore) PVC: 91A, LSZH: 96A
- Material : PVC / LSZH
- Heat-resistant : 75 degree C minimum (Temperature limited)



APPLICATION	CONSTRUCTION	ELECTRICAL PROPERTIES
Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 base T) standard. Operates at bandwidth up to 100MHz. This cable well exceeds the requirements of TIA/EIA-568-C.2 and ISO/IEC 11801	Conductor: 24 AWG Solid bare Copper (4 pair) Conductor Diameter: 0.50mm Insulation: High Density Polyethylene Insulation Diameter: 0.88mm Pairs: 2 Insulated conductors twisted together Sheath: PVC/LSZH Cable Diameter: 5.0mm nominal Printing: Each meter printed with sequential Length Counter	Carateristi Impedane: 100 ± 15Ω Condutor Resistane: ≤ 9.38Ω/100m Insulation Resistane: 100mΩ Mutual Capaitane: <5.6nF/100m Resistane Unbalane: 5% Max Capaitane Unbalane: 330pF/100m Delay Skew: <45nS Operating Voltage: 72V Dieletri Strength: 1.0KV d or 0.75KV a for 1 min

TRANSMISSION CHARACTERISTICS PER 100M

Freq MHz	Insertion Loss (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	ACR (dB)	PSACR (dB)
1	2.0	20.0	65.3	62.3	63.8	60.8	63.3	60.3
4	4.1	23.0	56.3	53.3	51.8	48.8	52.2	49.2
8	5.8	24.5	51.8	48.8	45.7	42.7	46.0	43.0
10	6.5	25.0	50.3	47.3	43.8	40.8	43.8	40.8
16	8.2	25.0	47.2	44.2	39.7	36.7	39.0	36.0
20	9.3	25.0	45.8	42.8	37.8	34.8	36.5	33.5
25	10.4	24.3	44.3	41.3	35.8	32.8	33.9	30.9
31.25	11.7	23.6	42.9	39.9	33.9	30.9	31.2	28.2
62.5	17.0	21.5	38.4	35.4	27.9	24.9	21.4	18.4
100	22.0	20.1	35.3	32.3	23.8	20.8	13.3	10.3



Key Features

- Comply with Cat5e specifications
- 4-pair unshielded twisted pair (UTP) cable
- 24 AWG solid copper conductor
- PE insulation
- FR PVC Jacket

ORDER INFORMATION

CAT5E SF/UTP CABLE



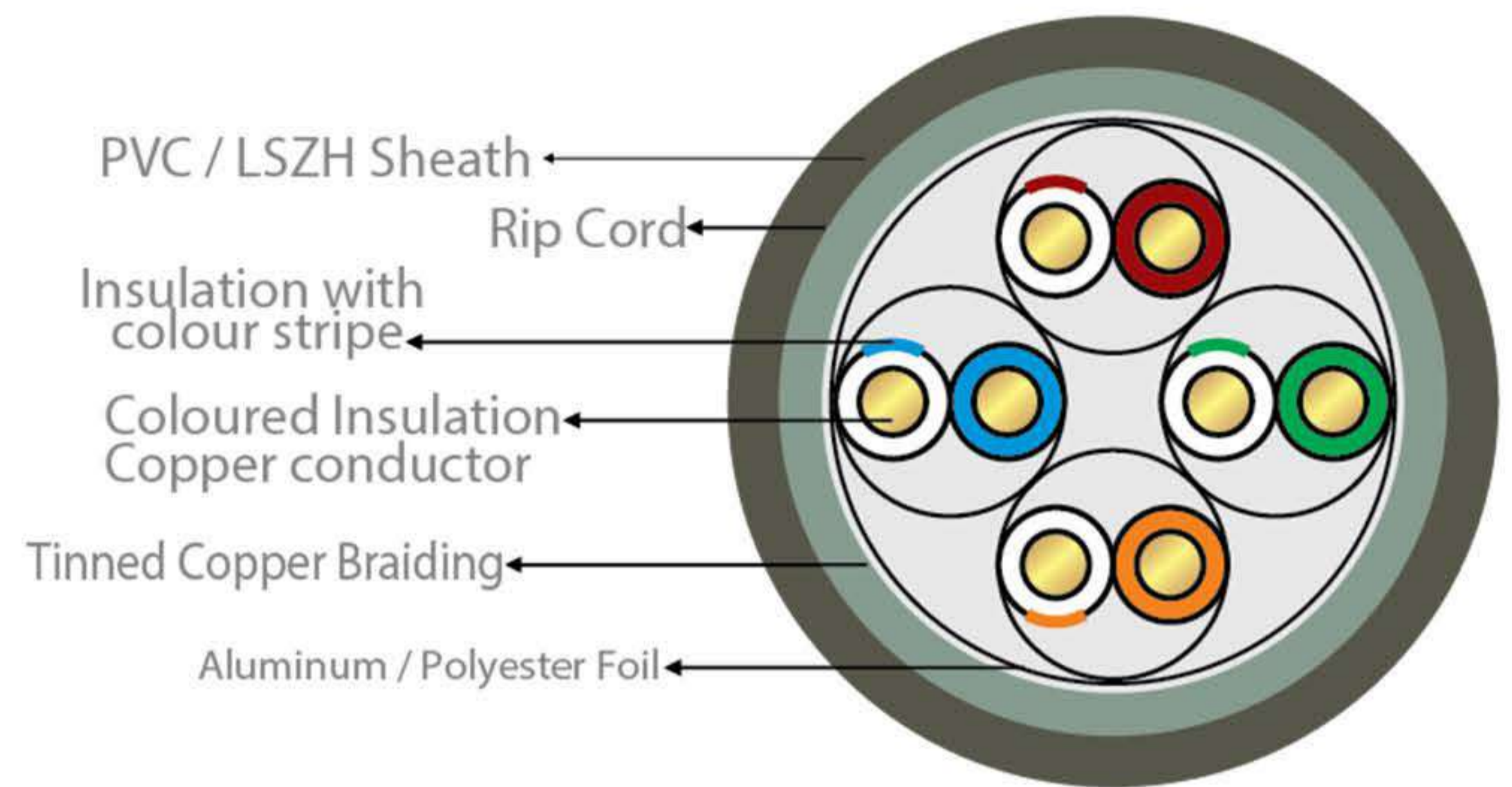
CAT5E SFTP 24AWG Solid:305M

CAT5e SFTP Cable supports Gigabit Ethernet (1000 Base-T) standard. Operates at a bandwidth up to 100 Mhz. Tinned Copper gives Protection against EMI and avoid signal loss with Higher Mechanical protection. This cable well exceeds the requirements of TIA/EIA-568.C.2.



SPECIFICATION

- Category :** 5e SFTP Solid cable
- Conductor :** 24 AWG Multi-cores (Solid)
- Conductor Meta :** Bare Copper
- Insulation Materia :** HD-PE
- Outside-Tape Metal :** MYLAR
- Overlap Rate :** 25%
- Drain Wire :** TC 0.40mm/0.45mm
- Jacket hardness :** PVC:91A , LSZH:96A
- Material :** PVC/LSZH
- Heat-resistant :**
75 degree C minimum (Temperature limited)



APPLICATION	CONSTRUCTION	ELECTRICAL PROPERTIES
Enhanced performance cable for transmission of highspeed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth of 100 MHz. Tinned Copper gives Protection against EMI and avoid signal loss with Higher Mechanical protection. This cable well exceeds the requirements of TIA/EIA-568-C.2	Conductor: 24 AWG Solid bare Copper Insulation: High Density Polyethylene Pairs: 2 Insulated conductors twisted together Shield: Aluminum / Polyester Foil Tinned copper Braiding Sheath: PVC / LSZH Cable Diameter: 6.5 mm nominal	Conductor Resistance: 9.38 Ω/100m Mutual Capacitance: < 5.6nF/100m Resistance Unbalance: 5% Max Capacitance Unbalance: 330pF/100m Delay Skew: < 45nS

ELECTRICAL CHARACTERISTICS MEET OR EXCEED TIA/EIA-568-C.2

Frequency MHz	Insertion Loss (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	ACR (dB)	PSACR (dB)
1		20.0	65.3	62.3	63.8	60.8	63.3	60.3
4	4.1	23.0	56.3	53.3	51.8	48.8	52.2	49.2
8	5.8	24.5	51.8	48.8	45.7	42.7	46.0	43.0
10	6.5	25.0	50.3	47.3	43.8	40.8	43.8	40.8
16	8.2	25.0	47.2	44.2	39.7	36.7	39.0	36.0
20	9.3	25.0	45.8	42.8	37.8	34.8	36.5	33.5
25	10.4	24.3	44.3	41.3	35.8	32.8	33.9	30.9
31.25	11.7	23.6	42.9	39.9	33.9	30.9	31.2	28.2
62.5	17.0	21.5	38.4	35.4	27.9	24.9	21.4	18.4
100	22.0	20.1	35.3	32.3	23.8	20.8	13.3	10.3



Features

- Comply with Cat5e specifications
- 4-pair shielded twisted pair cable
- 24 AWG solid copper conductor
- Pairs are wrapped in polyester tape and aluminum foil with drain wire
- PE insulation
- FR PVC Jacket
- Verified compliant with EIA/TIA standards by ETL
- CUL-listed
- Packaged in an easy-to-pull box for easier installation

ORDER INFORMATION

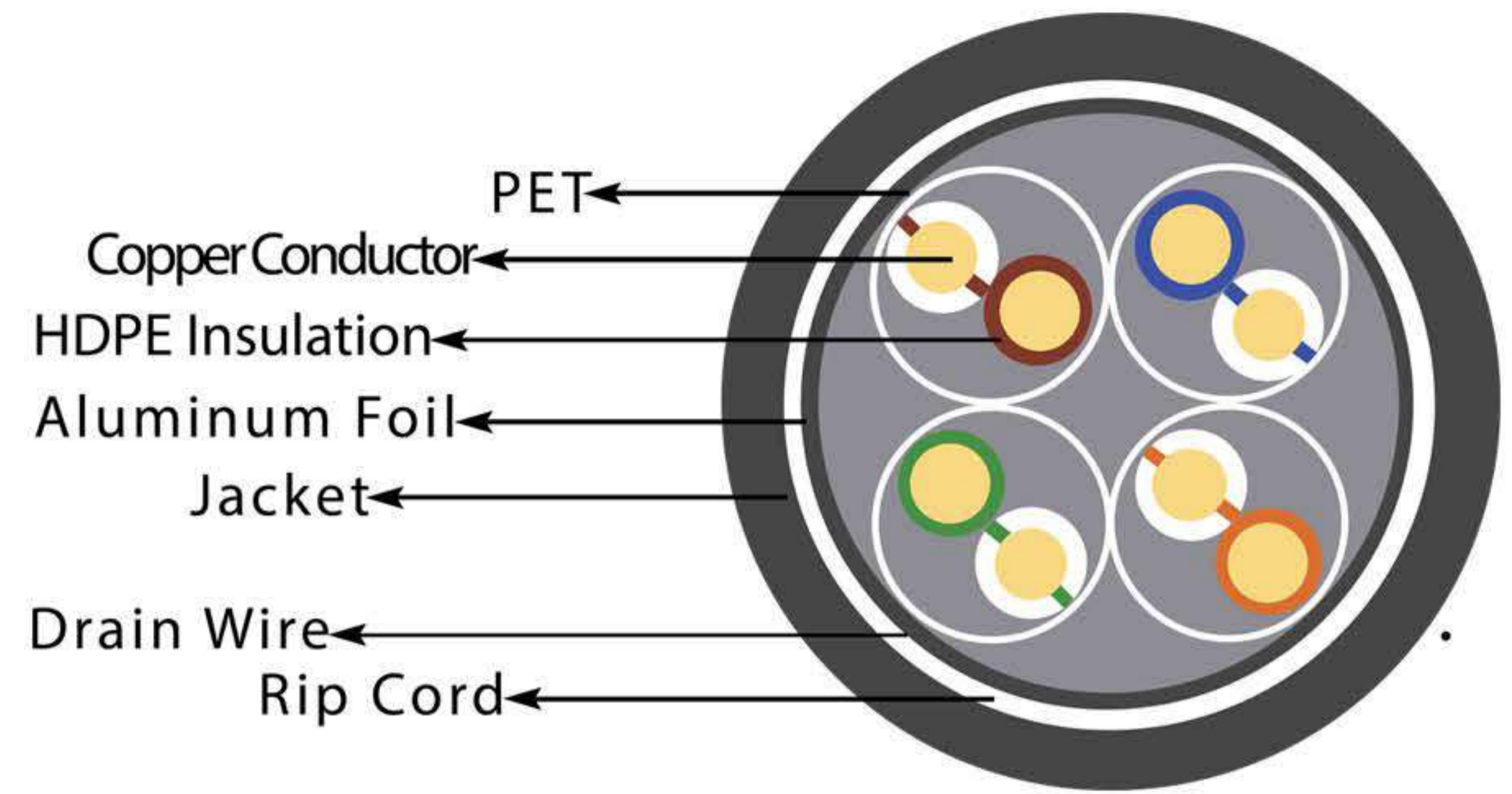


F/UTP SHIELDED CAT5E TWISTED PAIR INSTALLATION CABLE



SPECIFICATION

- Category:** F/UTP CAT5e-4P-PVC
- Conductor:** SOLID-Bare Copper
- Insulation Material:** HDPE
- Shielded:** AL Foil
- Sheath Thickness:** 0.55±0.05 mm
- External O.D.:** 6.2±0.4 mm
- Packing:** Carton, pallet



APPLICATION	CONSTRUCTION	ELECTRICAL CHARACTERISTICS
<ul style="list-style-type: none"> • Exceeds ANSI/TIA-568-C.2 and ISO 11801 2nd Edition Class D Category 5e channel standards. • Exceeds requirements of ANSI/TIA-568-C.2 and IEC 61156-5 Category 5e component standards. • Meets requirements of IEEE 802.3at and IEEE 802.3at for PoE applications. • Foil shield reduces ingress of EMI interference to ensure cable performance at high frequency levels. • Descending length cable markings enable easy identification of remaining cable which reduces installation time and cable scrap. • Color Availability: Additional cable colors available. 	<p>Conductor: Solid Bare Copper 24AWG</p> <p>Insulation: HDPE</p> <p>Total Number of Insulated conductors: 8 twisted in 4 pairs</p> <p>Color Code: White-Blue/Blue, White-Orange/Orange, White-Green/Green, White-Brown/Brown</p> <p>Individual pair Shield: None</p> <p>Drain Wire: None</p>	<ul style="list-style-type: none"> • Impedance: 1-100MHz 100±15(Ohms). • Rated Temperature: 75 C. • DC Resistance Unbalance(%): Max 2.5. • DC Resistance 20 c: 9.5(Ohms/100m). • Pair-to-Ground Capacitance Unbalance: 330(pF/100M). • Insulation Resistance: >5000MO'Km. • Dielectric strength: DC 2500V 2S.

Nominal Transmission Characteristics

Frequency MHz	RL(min) (dB)	IL(max) (dB/100m)	DOP(max) (ns/100m)	Delay Skew(max) (ns/100m)	NEXT(min) (dB)	PSNEXT(min) (dB)	ACR-F(min) (dB)	PSACR-F(min) (dB)
1	20.0	2.2	570	45	65	62	61	61
4	23.0	4.2	552	45	56	53	48	48
10	25.0	6.5	545	45	50	47	41	41
20	25.0	9.3	542	45	45	42	34	34
31.25	23.6	11.3	540	45	42	39	31	31
62.5	21.5	17.0	538	45	38	35	25	25
100	20.1	22.0	537	45	35	32	21	21



ORDER INFORMATION

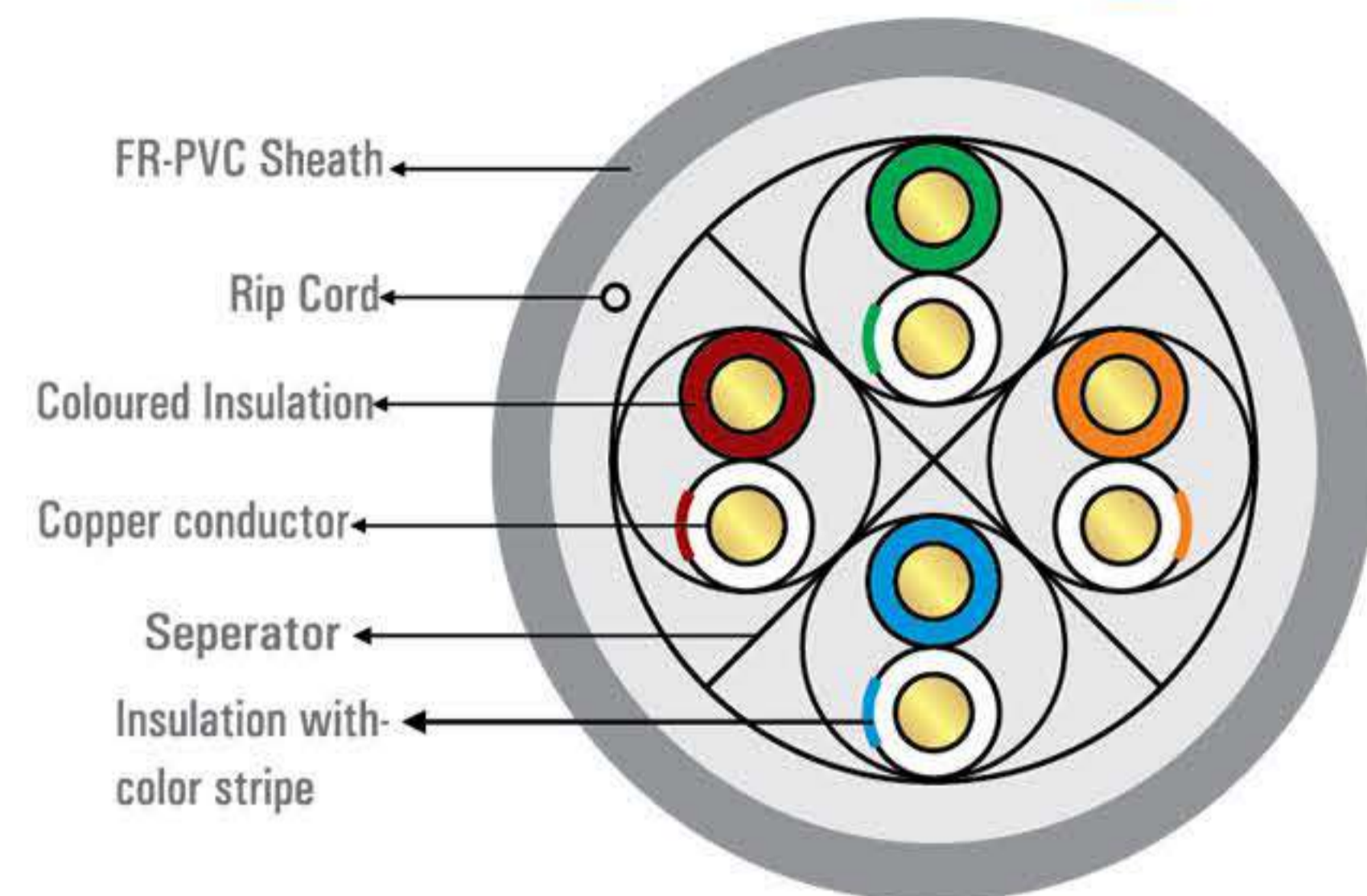
CAT 6 U/UTP 23AWG Solid:305M

CAT6 U/UTP Cable supports Gigabit Ethernet (1000 Base-T) standard. Operates at a bandwidth up to 250 Mhz. This cable well exceeds the requirements of TIA/EIA-568.C.2 Category 6 ISO/IEC Class E



SPECIFICATION

- **Category :** 6 U/UTP Solid cable
- **Conductor :** 23 AWG (Solid)
- **Conductor Material:** Bare Copper
- **Insulation Material :** HD-PE
- **OD :** 6.1 ±0.4
- **Jacket hardness :** PVC:91A, LSZH: 96A
- **Heat-resistant :** 75 degree C minimum (Temperature limited)



APPLICATION	CONSTRUCTION	ELECTRICAL PROPERTIES
<p>Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Performance verified up to 600 Mhz.</p> <p>This cable well exceeds the requirements of ANSI-TIA-568-C.2 category6 ISO 11801 Class E</p>	<p>Conductor: 23 AWG Solid bare Copper (4pair)</p> <p>Insulation: High density Polyethylene</p> <p>Pairs: 2 Insulated conductors twisted together</p> <p>Sheath: FR-PVC</p> <p>Insulation thickness: 0.2mm nominal</p> <p>Cable Diameter: 6.1mm nominal</p> <p>Cable wt per Box: 13.6 Kgs nominal</p> <p>Printing: Each meter printed with sequential Length Counter</p>	<p>Characteristic Impedance: 100 ± 15 Ω</p> <p>Conductor Resistance: ≤ 9.38Ω/100m</p> <p>Insulation Resistance: 100M Ω</p> <p>Mutual Capacitance: ≤ 5.6nF/100m</p> <p>Resistance Unbalance: 5% Max</p> <p>Capacitance Unbalance: 330pF/100m</p> <p>Delay Skew: < 45nS</p> <p>NVP(%): 69%</p> <p>Operating Voltage: 72V</p> <p>Dielectric Strength: 1.0KV dc or 0.75KV ac for 1min</p>

TRANSMISSION CHARACTERISTICS PER 100M

Freq MHz	Insertion Loss (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	ACR (dB)	PSACR (dB)
1	2.0	20.0	74.3	72.3	67.8	64.8	72.3	70.3
4	3.8	23.0	65.3	63.3	55.8	52.8	61.5	59.5
8	5.3	24.5	60.8	58.8	49.7	46.7	55.5	53.5
10	6.0	25.0	59.3	57.3	47.8	44.8	53.3	51.3
16	7.6	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	8.5	25.0	54.8	52.8	41.8	38.8	46.3	44.3
25	9.5	24.3	53.3	51.3	39.8	36.8	43.8	41.8
31.25	10.7	23.6	51.9	49.9	37.9	34.9	41.2	39.2
62.5	15.4	21.5	47.4	45.4	31.9	28.9	32.0	30.0
100	19.8	20.1	44.3	42.3	27.8	24.8	24.5	22.5
200	29.0	18.0	39.8	37.8	21.8	18.8	10.8	8.8
250	32.8	17.3	38.3	36.3	19.8	16.8	5.5	3.5
500	45.3	15.2	33.8	31.8	13.8	10.8	4.5	2.8
600	51	14.5	31.2	29.9	11.8	8.6	3.5	2.1



KEY FEATURES

- Comply with Cat.6 specifications
- 4-pair unshielded twisted pair (UTP) cable
- Pairs are braided in aluminum foil with drain wire
- 23 AWG solid copper conductor for superior conductivity
- PE insulation
- PE central cross
- FR PVC/LSZH Jacket
- Verified compliant with EIA/TIA standards by ETL
- CUL-listed
- Packaged in an easy-to-pull box for easier installation

ORDER INFORMATION

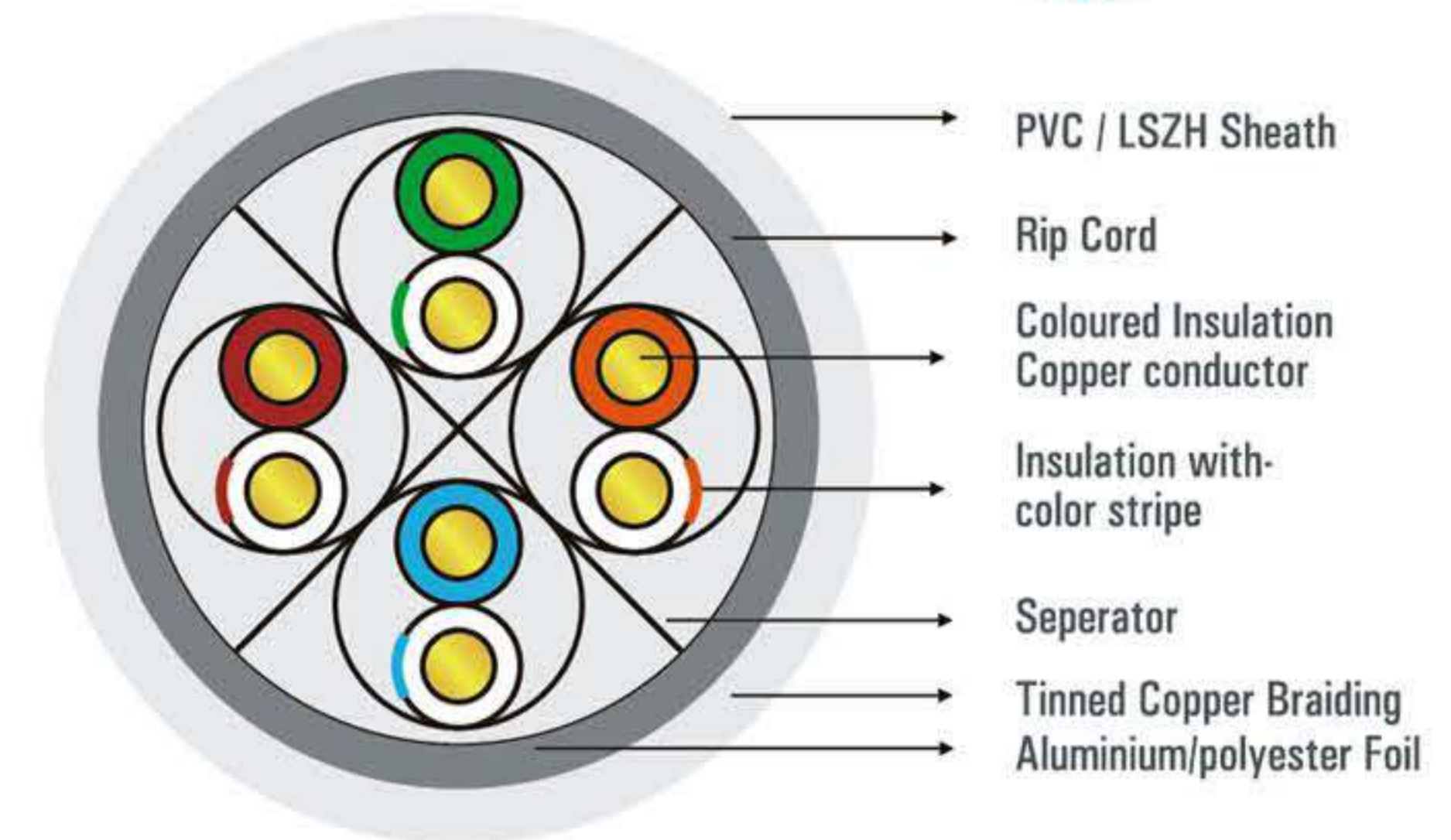
CAT6 SFTP 23AWG Solid:305M

CAT6 SF/UTP Cable supports Gigabit Ethernet (1000 Base-T) standard. Operates at a bandwidth up to 250 Mhz. Tinned Copper Screening gives protection against EMI and avoid signal loss. Better Mechanical Properties of cable.- This cable well exceeds the requirements of TIA/EIA-568.C.2



SPECIFICATION

- Category :** 6 SFTP Solid cable
- Conductor :** 23 AWG Multi-cores (Solid)
- Conductor Material :** Bare Copper
- Insulation Materia :** HD-PE
- Pairs :** 2 Insulated conductors twisted together
- Shield :** Aluminum / Polyester Foil Tinned copper Braiding
- Sheath :** PVC/LSZH



APPLICATION	CONSTRUCTION	ELECTRICAL PROPERTIES
Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (1000 baseT) standard. Operates at bandwidth of 250 MHz. Tinned Copper Screening gives Protection against EMI and avoid signal loss. Better Mechanical Properties of Cable. This cable well exceeds the requirements of TIA/EIA-568.C.2	Conductor: 23 AWG Solid bare Copper Insulation: High Density Polyethylene Pairs: 2 Insulated conductors twisted together Shield: Aluminum / Polyester Foil Tinned copper Braiding Sheath: FR-PVC / LSZH Cable Diameter: 7.8 mm nominal	Conductor Resistance: 9.38 Ω/100m Mutual Capacitance: < 5.6nF/100m Resistance Unbalance: 5%Max Capacitance Unbalance: 330pF/100m Delay Skew: < 45nS

ELECTRICAL CHARACTERISTICS MEET OR EXCEED TIA/EIA-568.C.2

Frequency MHz	Insertion Loss (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)	ACR (dB)	PSACR (dB)
1		20.0	74.3	72.3	67.8	64.8	72.3	70.3
4	3.8	23.0	65.3	63.3	55.8	52.8	61.5	59.5
8	5.3	24.5	60.8	58.8	49.7	46.7	55.5	53.5
10	6.0	25.0	59.3	57.3	47.8	44.8	53.3	51.3
16	7.6	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	8.5	25.0	54.8	52.8	41.8	38.8	46.3	44.3
25	9.5	24.3	53.3	51.3	39.8	36.8	43.8	41.8
31.25	10.7	23.6	51.9	49.9	37.9	34.9	41.2	39.2
62.5	15.4	21.5	47.4	45.4	31.9	28.9	32.0	30.0
100	19.8	20.1	44.3	42.3	27.8	24.8	24.5	22.5
200	29.0	18.0	39.8	37.8	21.8	18.8	10.8	8.8
250	32.8	17.3	38.3	36.3	19.8	16.8	5.5	3.5



KEY FEATURES

- Comply with Cat6 specifications
- 4-pair shielded twisted pair cable
- 23 AWG solid copper conductor
- Pairs are wrapped in polyester tape and aluminum foil with drain wire
- High Density Polyethylene Insulation
- FR PVC Jacket
- Verified compliant with EIA/TIA standards
- Packaged in an easy-to-pull box for easier installation

ORDER INFORMATION



4 pairs F/UTP Cat.6 CABLE

The center conduction of the 4 pairs FTP Cat.6 CLIPSAL CABLE is made of 23AWG bare copper. This kind of cable also adopts PE material to be the dielectric, AL foil to be the shield and fireproof material to be the jacket. Besides, the "+" typer inner frame setted in the center is good for keeping the balance and quality, which are so important



SPECIFICATION

- Rated temperature: 70°C
- Reference standard: UL Subject 444, EIA/TIA 568B, 2-1 & ISO/IEC 11801, IEC 61163
- Solid bare copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Paclaging: Reel, Reel in Box

APPLICATION	CONSTRUCTION	ELECTRICAL CHARACTERISTICS
10/100/1 000Mbps Ethernet 1 00VG-AnyLAN Token ring ATM155/ATM622	Copper Diameter: 23AWG Outer Diameter: 7.4mm Shielding Material: AL foil Weight: 16.5 kg/kft Minimum Bend Radius: 60mm Maximum Pulling Tension: 10kg Jacket material: PVC/LSZH Roted Temperature: -20-60°C	Return Resisance: 14.9Ω/100m Impedance: 100±5Ω Static Electric Capacity: 54pF/m 1 KHZ Unbalance Capacity: 330 Roted Communicate Rate: 65%

NOMINAL TRANSMISSION CHARACTERISTICS

Frequency (MHz)	RL (min)	IL (max) (dB/100m)	DOP(max) (Ns/100m)	Delay Skew(max) (ns/100m)	NEXT(min) (dB)	PSNEXT(min) (dB)	ACRF(min) (dB/100m)	PSACRF(min) (dB/100m)
1	20.0		570	45	74	72	67.8	64.8
4	23.0	3.8	552	45	65	63	55.7	2.7
10	25.0	6.0	545	45	59	57	47.8	44.8
16	25.0	7.6	543	45	56	54	43.7	40.7
20	25	8.5	542	45	55	53	41.7	38.7
31.25	23.6	10.7	540	45	52	50	37.9	34.9
62.5	21.5	15.4	538	45	47	45	31.8	28.8
100	20.1	19.8	537	45	44.3	42.3	27.8	24.8
200	18.0	29.0	536	45	39.7	37.7	21.7	18.7
250	17.3	32.8	535	45	38	36	19.8	16.8

ORDER INFORMATION



CAT6A UTP CABLE



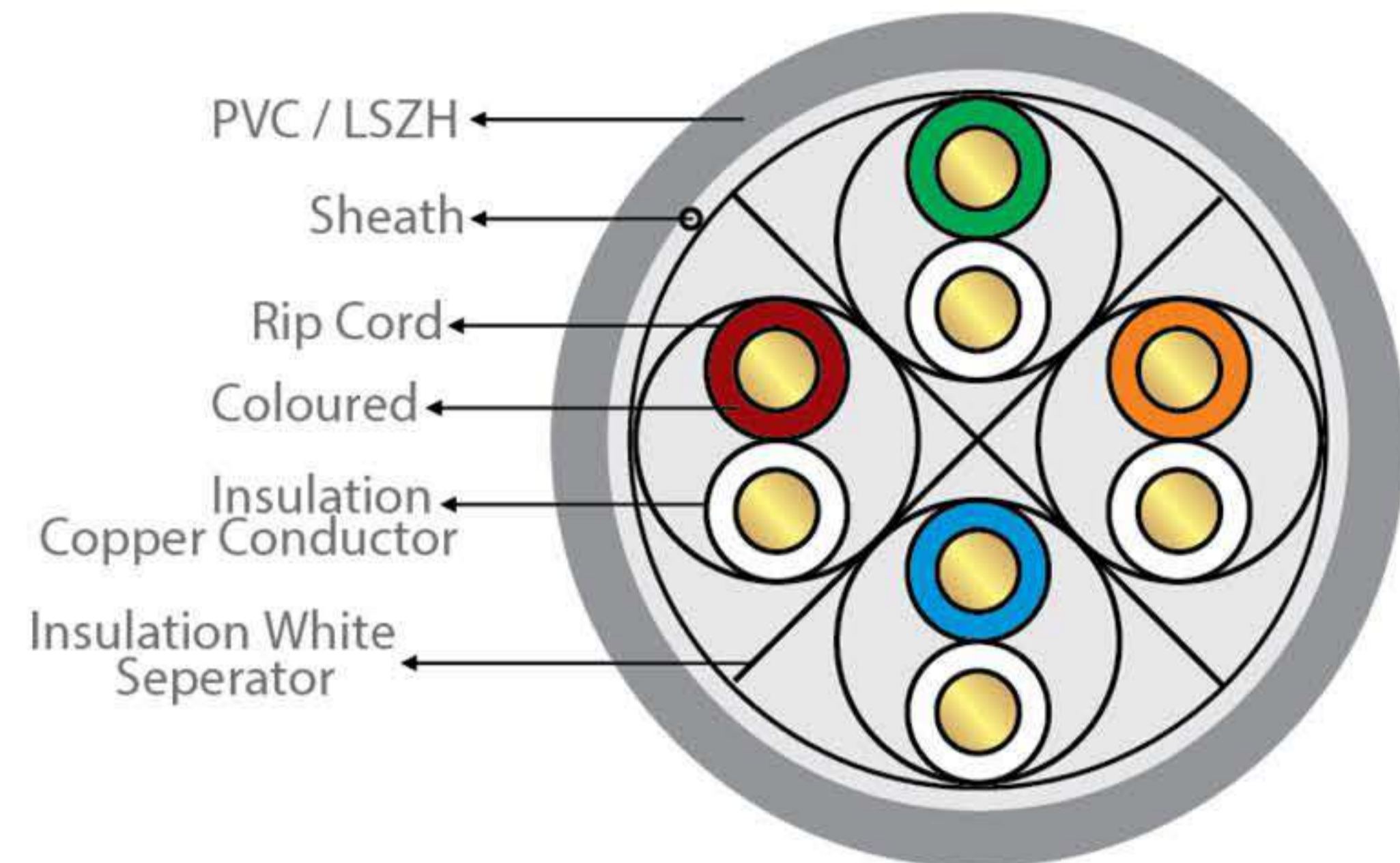
UTP 23AWG Solid:305M

Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (10GbaseT) standard. Operates at bandwidth of 500MHz.



SPECIFICATION

- **Category :** 6A UTP Solid cable
- **Conductor :** 23 AWG (Solid)
- **Conductor Material :** Bare Copper
- **Insulation Material :** High Density Polyethylene
- **Sheath :** PVC/LSZH
- **Cable Diameter :** 8.0mm Nominal



APPLICATION	CONSTRUCTION	ELECTRICAL PROPERTIES
Enhanced performance cable for transmission of high speed data, digital and analogue voice and video (RGB) signals on LANs. Supports Gigabit Ethernet (10GbaseT) standard. Operates at bandwidth of 500MHz. This cable well exceeds the requirements of TIA/EIA-568-C.2 Category 6A ISO 1180 1-2 co2 Class E. Exceeds all requirements for IEE 802.3an	Conductor: 23 AWG Solid bare Copper Insulation: High Density Polyethylene Pairs: 2 Insulated conductors twisted together Sheath: PVC / LSZH Cable Diameter: 8.0mm Nominal Printing: Each meter printed with sequential Length Counter	Conductor Resistance: $\leq 9.38\Omega/100m$ Mutual Capacitance: $< 5.6nF/100m$ Resistance Unbalance: 5% Max Delay Skew: $< 25NS$ NVP%: 68.2

TRANSMISSION CHARACTERISTICS PER 100M

Frequency MHz	Max Attenuation (dB/100m)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ACRF (dB)	PSACRF (dB)
1	2.1	20.0	74.3	72.3	67.8	64.8
4	3.8	23.0	65.3	63.3	55.8	52.8
10	5.9	25.0	59.3	57.3	47.8	44.8
16	7.5	25.0	56.2	54.2	43.7	40.7
20	8.4	25.0	54.8	52.8	41.8	38.8
31.25	10.5	23.6	51.9	49.9	37.9	34.9
62.5	15	21.5	47.4	45.4	31.9	28.9
100	19.1	20.1	44.3	42.3	27.8	24.8
200	27.6	18.0	39.8	37.8	21.8	18.8
250	31.1	17.3	38.3	36.3	19.8	16.8
300	34.3	16.8	38.1	35.1	18.3	15.3
500	45.3	15.2	34.8	31.8	13.8	10.8



Key Features

- Comply with Cat.6A specifications
- 4-pair unshielded twisted pair (UTP) cable
- 23 AWG solid copper conductor with a frequency of 500 MHz
- HD-PE insulation, PE central cross
- FR PVC/LSZH Jacket
- Verified compliant with EIA/TIA standards by ETL
- Packaged in an easy-to-pull box for easier installation

ORDER INFORMATION



CAT 7 10 Gig Indoor/Outdoor Solid Dual Shielded Bulk Cable



SPECIFICATION

Category: S/FTP-CAT7-4P

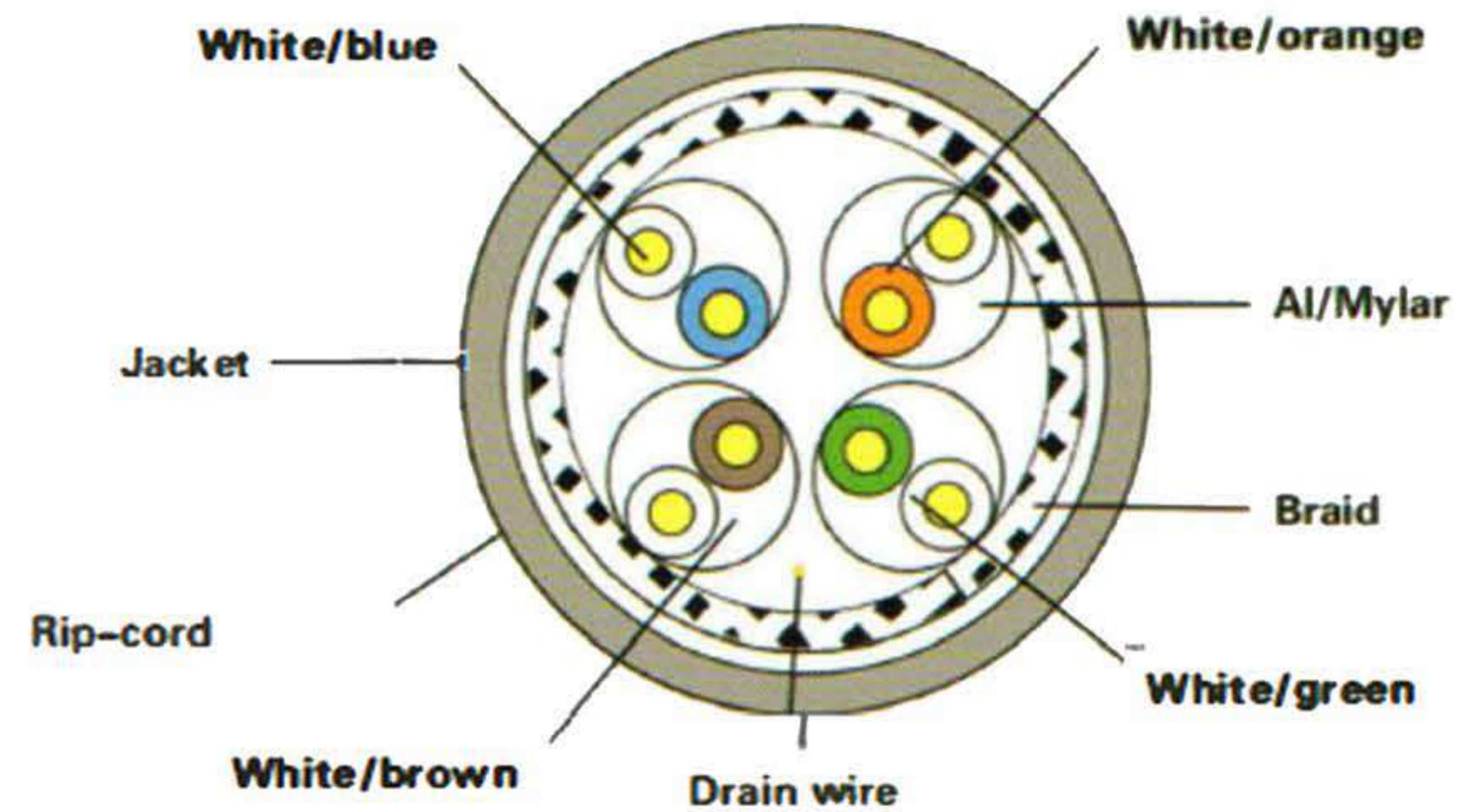
Standard: ISO/IEC 11801

Conductor Material: SOLID-Bare Copper

Insulation Material: Skin-foam-skin PE

Rip-cord: Yes

Sheath Material: PVC



APPLICATION	CONSTRUCTION	ELECTRICAL CHARACTERISTICS
<ul style="list-style-type: none"> • Suitable for structure premises cabling. • For transmission of digital and analogue voice and data signals. • Especially suitable for all Class FA applications. • ISDN, Ethernet 10 Base-T, Fast Ethernet 100 Base-T, Gigabit Ethernet 1000 Base-T, 10G Base-T. (IEEE802.3)/ • Token Ring 4/16Mbit/s, TP-PMD/TP/DDI 125Mbit/s, ATM 155Mbit/s.(IEEE 802.5). 	<p>Conductor Size: 23 AWG Conductor Material: Solid Bare Copper Insulation Material: Skin-Foam-Skin Polyethylene Number of conductors: 8 / 4 Pairs Inner Pair Shielding: AL/Mylar Outer Shield Material: TC Braiding Drain Wire: TC 0.4mm Outer Jacket Material: PVC/LSZH Outer Jacket Rip Cord: Yes</p>	<ul style="list-style-type: none"> • Impedance: 4-100MHz 100±15 (ohms), 100- 200MHz 100±22 (ohms), 200-1000MHz 100±32 (ohms). • Max. Conductor DC Resistance 20-c:8.4(ohms/100m). • Resistance unbalance (%):max 2.5. • Pair-lo-Ground Capacitance Unbalance:330 (pF/100m). • Transfer Impedance:Max60 mohms/m@100MHz. • Coupling Attenuation:Min 50 dB. • Installation temperature:0-50 C. • Operation temperature:-20-60-c.

CAT 7 10Gig Solid Bulk Cable Electrical Specifications

Frequency (MHz) (Maximum)	ATT (dB/100m) (328 ft.) (Maximum)	ACR (dB/100m) (328 ft.) (Maximum)	Delay (ns/100m) (328 ft.) (Maximum)	Next (dB/100m) (328 ft.) (Maximum)	PSNEXT (dB/100m) (328 ft.) (Maximum)	ELFEXT (dB/100m) (328 ft.) (Maximum)	PSELFEXT (dB/100m) (328 ft.) (Maximum)	Return Loss dB (Maximum)
1		N/A	570.0	78.0	75.0	78.0	75.0	20.0
4	3.75	N/A	552.0	78.0	75.0	78.0	75.0	23.0
8	5.22	N/A	546.7	78.0	75.0	77.2	74.2	24.5
10	5.82	N/A	545.4	78.0	75.0	75.3	72.3	25.0
16	7.34	N/A	543.	78.0	75.0	71.2	68.2	25.0
20	8.21	N/A	542.0	78.0	75.0	69.3	66.3	25.0
25	9.18	N/A	541.2	78.0	75.0	67.3	63.0	24.3
31.25	10.26	N/A	540.4	78.0	75.0	65.4	62.4	23.6
62.50	14.57	N/A	538.6	75.4	75.0	59.4	56.4	21.5
100	18.53	N/A	537.6	72.5	72.4	55.3	52.3	20.1
150	22.82	N/A	536.9	72.8	69.8	51.8	47.2	18.9
200	26.47	N/A	536.5	70.9	67.9	49.3	46.3	18.0
250	29.73	N/A	536.3	69.4	66.4	47.3	44.3	17.3
300	32.69	N/A	536.1	68.2	65.2	45.8	42.8	17.3
600	47.10	N/A	535.5	64.7	60.7	41.3	36.7	17.3
1000	61.93	N/A	535.1	60.4	57.4	35.3	32.3	15.1
1200	N/A	N/A	535.0	59.2	56.2	33.7	30.7	13.1



KEY FEATURES

- Meets Or Exceeds CAT 7 T568C.2 Standards
- Easy To Use Wooden Spool
- Extra Headroom Provides Room For Growth
- Low Attenuation And Power-Sum Crosstalk

ORDER INFORMATION



COAXIAL RG59 SERIES



SPECIFICATIONS

Capacitance: 53.1 pF/m | 16.2 pF/ft
Characteristic Impedance: 75 ohm
Characteristic Impedance Tolerance: ±3 ohm
Conductor dc Resistance: 10.50 ohms/kft
Dielectric Strength, conductor to shield: 2500 Vdc
Jacket Spark Test Voltage: 2500 Vac
Nominal Velocity of Propagation (NVP): 81%
Shield dc Resistance: 3.60 ohms/kft
Structural Return Loss: 20 dB @ 10 - 300MHz
Structural Return Loss Test Method: 100% Swept Tested

APPLICATION

- CATV Broadband & Video Cable
- Broadband Video/Video Distribution, MATV
- Satellite 75 ohm
- TVRO Satellite Ribbon Cables
- Security/CCTV (Close Circuit Television)
- MAP Manufacturing Automation Protocol
- Broadcast
- Data Application

STANDARD

- UL 444
- IEC 332-1
- TIA/EIA 568-B/A
- ISO/IEV 11801

COAXIAL RG11 SERIES



SPECIFICATIONS

Capacitance: 52.5 pF/m | 16.0 pF/ft
Characteristic Impedance: 75 ohm
Characteristic Impedance Tolerance: ±3 ohm
Conductor dc Resistance: 2.90 ohms/kft
Dielectric Strength, conductor to shield: 4000 Vdc
Jacket Spark Test Voltage: 5000 Vac
Nominal Velocity of Propagation (NVP): 86%
Structural Return Loss: 15 dB @ 1500-3000 MHz | 20 dB @ 10-1500 MHz
Structural Return Loss Test Method: 100% Swept Tested

APPLICATION

- CATV Broadband & Video Cable
- Broadband Video/Video Distribution, MATV
- Satellite 75 ohm
- TVRO Satellite Ribbon Cables
- Security/CCTV (Close Circuit Television)
- MAP Manufacturing Automation Protocol
- Broadcast
- Data Application

STANDARD

- UL 444
- IEC 332-1
- TIA/EIA 568-B/A
- ISO/IEV 11801

COAXIAL RG6 SERIES



SPECIFICATIONS

Capacitance: 50.9 pF/m | 15.5 pF/ft
Characteristic Impedance: 75 ohm
Characteristic Impedance Tolerance: ±3 ohm
Conductor dc Resistance: 28.60 ohms/kft
Dielectric Strength, conductor to shield: 2000 Vdc
Jacket Spark Test Voltage: 2500 Vac
Nominal Velocity of Propagation (NVP): 84%
Shield Resistance: 9.00 ohms/kft
Structural Return Loss: 15 dB @ 1000-3000 MHz | 20 dB @ 5-1000 MHz
Structural Return Loss Test Method: 100% Swept Tested

APPLICATION

- CATV Broadband & Video Cable
- Broadband Video/Video Distribution, MATV
- Satellite 75 ohm
- TVRO Satellite Ribbon Cables
- Security/CCTV (Close Circuit Television)
- MAP Manufacturing Automation Protocol
- Broadcast
- Data Application

STANDARD

- UL 444
- IEC 332-1
- TIA/EIA 568-B/A
- ISO/IEV 11801



CAT 5e U/UTP Patch Panel



P/N: DNET12345-24

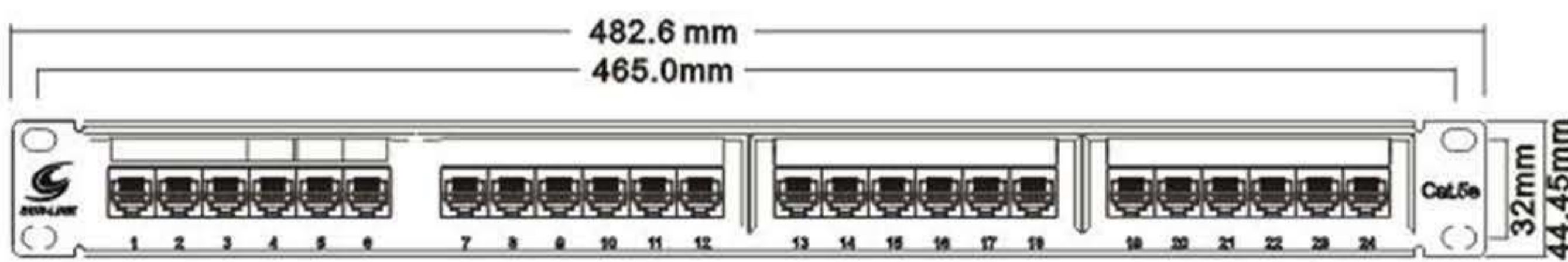
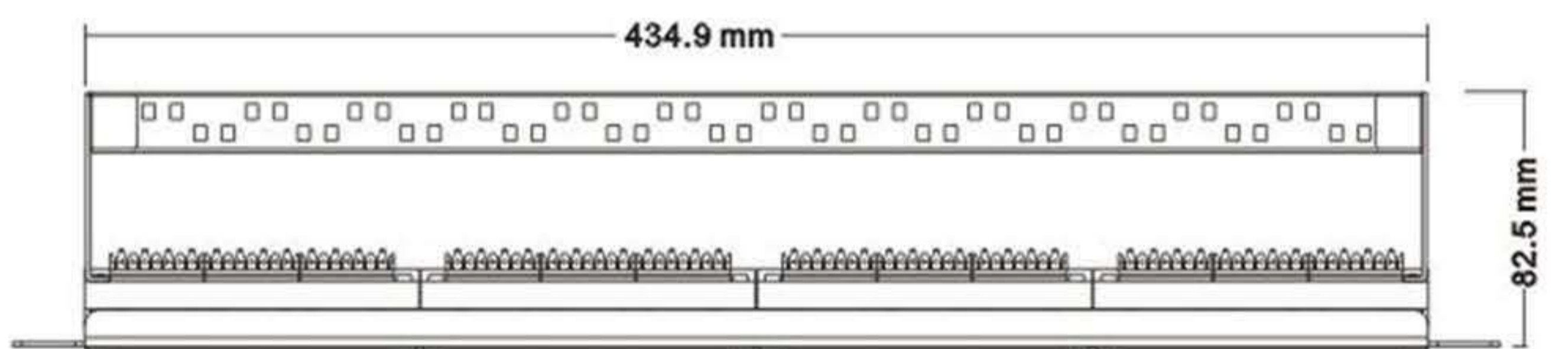
UTP Cat.5e Patch Panel, 24 Port, 110 or Dual Use IDC



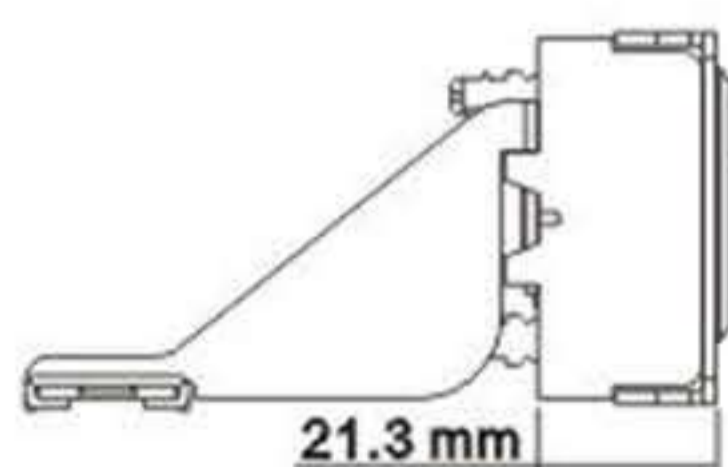
P/N: DNET12345-48

UTP Cat.5e Patch Panel, 48 Port, 110 or Dual Use IDC

Presentation:



1U=44.45MM 2U=88.90MM



Main Description of The Product:

1. 24/48 ports patch panel, Cat.5e UTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
2. All kinds of cables with different dimensions can be fixed on the patch panel.
3. According to the standard of ISO/IEC 11801:2002 CLASS D and ANSI/TIA/EIA/568B Cat.5e Standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for Horizontal Distribution in the Equipments Room and equipments connecting.
4. connecting: FCC port for Cat.5e UTP patch cord and IDC for horizontal distribution cables.
5. compatibility: Compatible for UTP Cat.5e general cable distribution systems.
6. IDC: 110 type or dual use type for your choice.

Technique Characteristics:

1. Entire high-carbon steel outer frame, with plastic powder cladding.
2. RJ45 jack Frame Material: PBT; golden plated phosphor bronze pins; Shielding shell of the Rj45 jack: Brass housing with nickel-plated; IDC clip: Tinned phosphor bronze pins.
3. Fitting for 22AWG, 23AWG and 24AWG cables, Punching Duration: 250 times. FCC ports inserting duration: 750 times.



CAT 6 U/UTP Patch Panel



P/N: DNET12345-24

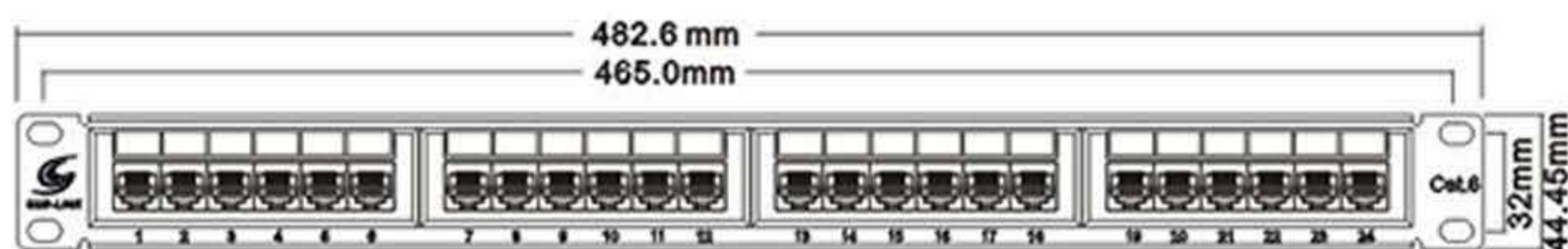
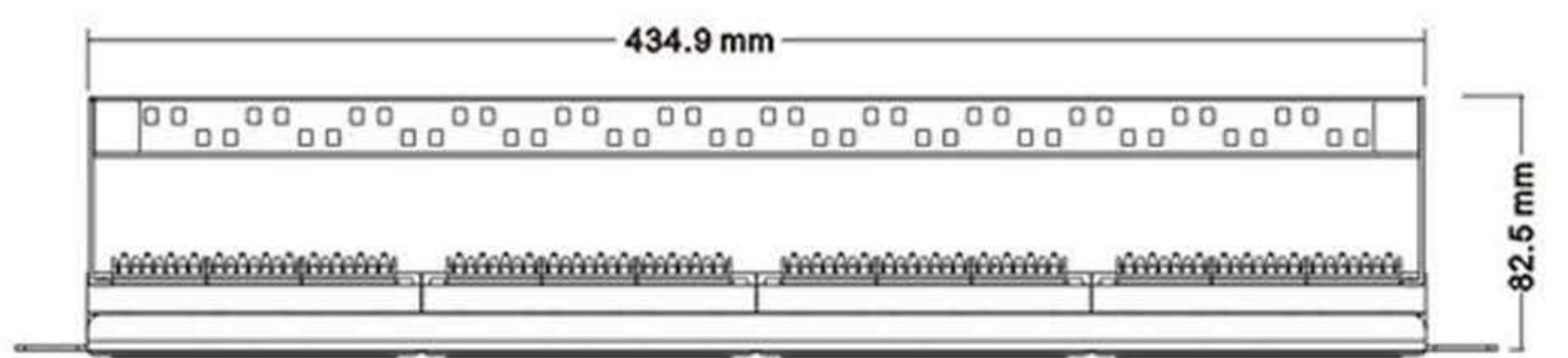
UTP Cat.6 Patch Panel, 24 Port, 110 or Dual Use IDC



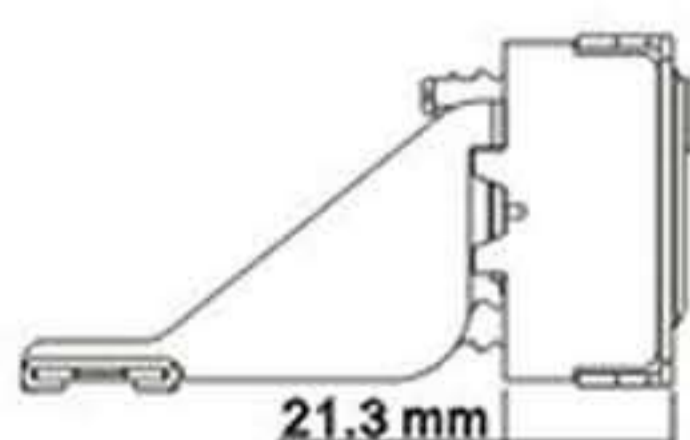
P/N: DNET12345-48

UTP Cat.6 Patch Panel, 48 Port, 110 or Dual Use IDC

Presentation:



1U=44.45MM 2U=88.90MM



Main Description of The Product:

1. 24/48 ports patch panel, Cat.6 UTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
2. All kinds of cables with different dimensions can be fixed on the patch panel.
3. According to the standard of ISO/IEC 11801:2000 CLASS E and ANSI/TIA/EIA/568B.2-1 Cat.6 standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
4. Connecting: FCC port for Cat.6 UTP patch cord and IDC for horizontal distribution cables.
5. Compatibility: Compatible for UTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.
6. IDC: 110 type or Dual type for your choice.

Technique Characteristics:

1. Entire high-carbon steel outer frame, with plastic powder cladding.
2. RJ45 jack frame material: PBT, golden plated phosphor bronze pins, Shielding shell of the RJ45 jack: Brass housing with nickel-plated; IDC clip: Tinned phosphor bronze pins.
3. Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
4. Cabling sequence: T568A & B.
5. Punching tool: Standard 110 tool for 110 IDC, Standard 110 tool or krone tool for dual IDC.
6. Testing condition of transmitting capability: 250MHz



CAT 5e F/UTP Patch Panel



P/N: DNET12345-48

F/UTP Cat.5e Patch Panel, 24 Port, Krone IDC

Main Description of The Product:

1. 24 ports patch panel, Cat.5e FTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
2. The outstanding shielding effect. All kinds of cables with different dimensions can be fixed on the patch panel. The shielding foil of the cables of the patch panel can be connected availablely.
3. According to the standard of ISO/IEC 11801:2002 CLASS D and ANSI/TIA/EIA/568B Cat.5e standard. T568A punching sequence and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
4. Connecting: FCC port for Cat.5e STP patch cord and IDC for horizontal distribution cables.
5. Compatibility: Compatible for FTP Cat.5e general cable distribution systems.

Technique Characteristics:

1. Entire high-carbon steel outer frame, with plastic powder cladding.
2. RJ45 jack frame material: PBT, golden plated phosphor bronze pins, Shielding shell of the RJ45 jack: Brass housing with nicket-plated; IDC clip: Tinned phosphor bronze pins.
3. Fitting for 22AWG/23AWG/24AWG cables, punching duration: 250 times. FCC ports inserting duration: 750 times.
4. Cabling sequence: T568A & B.
5. Punching tool: Standard Krone Tool.
6. Testing condition of transmitting capability: 100MHz

CAT 6 F/UTP Patch Panel



P/N: DNET12345-24

FTP Cat.6 Patch Panel, 24 Port, Krone IDC

Main Description of The Product:

1. 24 ports patch panel, Cat.6 FTP type. The structure of each port of this patch panel is same which makes sure that the performance of each port is consistent.
2. All kinds of cables with different dimensions can be fixed on the patch panel. The shielding foil of the cables and the grounding device of the patch panel can be connected availablely.
3. According to the standard of ISO/IEC 11801:2002 CLASS E and ANSI/TIA/EIA-568B.2-1 Cat.6 Standard. T568A and T568B punching sequence are both compatible. Fitting for horizontal distribution in the equipments room and equipments connecting.
4. connecting: FCC port for Cat.6 FTP patch cord and IDC for horizontal distribution cables.
5. compatibility: Compatible for FTP Cat.6 or Cat.5e, Cat.5 general cable distribution systems.

Technique Characteristics:

1. Entire high-carbon steel outer frame, with plastic powder cladding.
2. RJ45 jack Frame Material: PBT; golden plated phosphor bronze pins; Shielding shell of the RJ45 jack: Brass housing with nickel-plated; IDC clip: Tinned phosphor bronze pins.
3. Fitting for 22AWG, 23AWG and 24AWG Cables, Punching Duration: 250 times. FCC ports inserting duration: 750 times.
4. Cabling Sequence: T568A&B
5. Punching tool: Standard LSA tool
6. Testing condition of transmitting capability: 250MHz

U/UTP Blank Patch Panel



P/N: DNET12345-24

UTP Blank Patch Panel, 24 port

Main Description of The Product:

1. Entire steel 24 ports UTP blank patch panel. UTP Cat.6 or Cat.5e keystone jacks can be assembled on this panel.
2. The cable manager is combined in this patch panel. All kinds of cables with different dimensions can be fixed on the patch panel.
3. Fitting for Horizontal Distribution in the Equipments Room and equipments connecting.

Material of Product:

1. Entire steel outer frame, with plastic powder clad
2. Colour of Product: Black



Multi Use Patch Panel 24 Ports Unloaded

Definition

At the office work area or in harsh industrial environments, D-Net patch panels are designed to mount in any standard 19" width rack. These patch panels offer a sleek, elegant appearance. D-Net Category 6 and 6A Patch Panels meet or exceed all of the proposed TIA requirements for Category 6 and 6A. D-Net Category 6 and 6A patch panels simplify inventory management by providing a universal label for both T568A and T568B wiring patterns which allows connection with 22-26 AWG wires and is offered in 24 port varieties. The cable ties, mini punch down tool and connector crowns provide tools for better management of cables.

Features

- Allows easy circuit identification using the Infilink labelling
- Crowns to Circuit protection
- In full Compliance with T568A and T568B, Cat-6 and 6A Performance standards
- Fits to any Standard 19" rack
- No Termination Tools required
- Extended Warranty



P/N: DN-PP123

SPECIFICATIONS	PERFORMANCE
PHYSICAL	(LxH) 19" x 1U & 0.5U
MECHANICAL	
• Plug insertion life	750 Cycles
• Plug and Jack contact force	100 grams min, using FCC-approved plug
• Plug retention force	30 lbs minimum
• Temperature	-40 °C to 68 °C
ELECTRICAL	
• Current Rating	1.5 Amps
• Insulation Resistance	500 Mega-Ohm minimum
• Contact Resistance	20 Milli-ohm maximum
• Transmission performance	1 Gbps and 10Gbps
STANDARDS	
• UL	UL Certied
• FCC	Part 68
• TIA/EIA	568-B.2 (Category 6 and 6A transmission performance)

ORDER CODES	
D-Net Patch Panel Unloaded Multi User Half Unit 24-Port 1U 24Port UTP Stagger Angled Patch Panel w/ Cable Management	DN-PPUM24



CAT 5E PATCH CORDS



U/UTP Unshielded twisted 4 pairs CAT 5E PATCH CORD

CAT5e UTP Patch Cords are high-quality four-pair twisted stranded cables terminated with RJ45 modular plugs at both the ends. It is as per the TIA/EIA-568-C.2 standard. These patch cords are appropriate for high speed data transmission.

SPECIFICATIONS

Conductor:	24 AWG, Multi-strands
Conductor Metal:	Bare Copper
Insulation Material:	High Density Polyethylene
Material:	PVC UL94V-0
Heat Resistance:	60°C minimum (Temperature limited)
Flame Property:	The purpose of the vertical lame test is to screen out flammable wires. It follows the VW-1 (UL) and FT-1 (GA) standards
Insertion Cycles:	750 times

APPLICATION

- 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T (IEEE802.)
- 100VG-AnyLAN (IEEE802.12)
- 500MHz Broadband Video
- Voice, T1, ISDN
- 155/622 Mbps ATM
- Power over Ethernet (PoE)

STANDARD

- Electrical performance guaranteed to meet or exceed ANSI/TIA-5688 Category 5e and ISO/EiC specifications.
- Independently tested and verified intertek(ETL).
- Ideal for Data center architectural requirements.
- Stranded cable for maximum nexibility.
- Available with different plug mold.
- Available with different color of cable.
- Available with different length.

ORDER INFORMATION

PART CODE
DNET-123

DSCRIPTION
Cat5E UTP Patch Cord



F/UTP Shielded twisted 4 pairs CAT 5E PATCH CORD

D-Net's patch cable enable you to connect all hardware destinations on a local area network , Perfect for use with 10/100 base -T networks , they comes complete RJ45 male to male Connectors and snagless molded strain relief ,the extra foil shielding protects against Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI)

SPECIFICATIONS

Conductor:	stranded bare copper 28AWG
Insulation :	HDPE
Total number of insulated conductors :	4
Ind1v1dual pair shield :	None
Overall shield:	Aluminum foil, providing 100% coverage, foll face out.

STANDARD

- Electrical performance guaranteed to meet or exceed ANSI/TIA-5688 Category Se and ISO/EiC specifications.
- Independently tested and verified intertek(ETL).
- Ideal for Data center architectural requirements.
- Stranded cable for maximum Flexibility.
- Available with different plug mold.
- Available with different color of cable.
- Available with different length

ORDER INFORMATION

PART CODE
DNET-123

DSCRIPTION
Cat5E UTP Patch Cord



ORDER INFORMATION

PART CODE
DNET-123

DSCRIPTION
Cat5E UTP Patch Cord

U/UTP Unshielded twisted 4 pairs CAT 6 PATCH CORD

Perfect for use with Gigabit Ethernet , they comes complete RJ45 male to male Connectors and snagless molded strain relief, the extra foil shielding protects against Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI)

SPECIFICATIONS

Conductor: Stranded Bare Copper 28AWG
Insulation: HDPE
Total number of insulated conductors: 8, twisted In 4 pairs
Individual pair shield: None
Overall shield: None

APPLICATION

- 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T, 1000BASE-T, 10GBASE-T (IEEE802.3)
- 100VG-AnyLAN (IEEE802.12)
- 500MHz Broadband Video
- Voice, T1, ISDN
- 155/622 Mbps ATM
- Power over Ethernet (PoE)

F/UTP shielded twisted 4 pairs CAT 6 PATCH CORD

Shielded Solutions is ideal for industries where interference is more common or data security is critical. With shielding, internal data signals are securely contained and isolated from Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI). The modular solution of Infilink shielded solution, not only provides flexibility to the installer, but also drastically shortens project completion time.

SPECIFICATIONS

Conductor: Stranded Bare Copper 26AWG
Insulation : HDPE
Total number of insulated conductors : 8, twisted In 4 pairs
Individual pair shield: None
Overall shield: Aluminum foil, providing 100% coverage, foil face out

ORDER INFORMATION

PART CODE DNET-123	DDESCRIPTION Cat6 F/UTP Patch Cord
------------------------------	--

STANDARD

- Electrical performance guaranteed to meet or exceed ANSI/TIA-5688 Category 6 and ISO/EiC specifications.
- Independently tested and verified Intertek(ETL).
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different plug mold.
- Available with different color of cable.
- Available with different length.

ORDER INFORMATION

PART CODE DNET-123	DDESCRIPTION Cat6 UTP Patch Cord
------------------------------	--



CAT 6A PATCH CORD



U/UTP Unshielded twisted 4 pairs CAT 6A PATCH CORD

Perfect for use with Gigabit Ethernet , they comes complete RJ45 male to male Connectors and snagless molded strain relief, the extra foil shielding protects against Electro Magnetic Interference (EMI) and Radio Frequency Interference (RFI)



SPECIFICATIONS

Conductor: Stranded Bare Copper 24AWG
Insulation : HDPE
Total number of insulated conductors : 8, twisted In 4 pairs
Individual pair shield : None
Overall shield: None

STANDARD

- Electrical performance guaranteed to meet or exceed ANSI/TIA-5688 Category 6 and ISO/EtC specifications.
- Independently tested and verified intertek(ETL).
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different plug mold.
- Available with different color of cable.
- Available with different length.

APPLICATION

- 10BASE-T, 100BASE-TX Fast Ethernet, 1000BASE-T
- 100VG-AnyLAN (IEEE802.12)
- 500MHz Broadband Video
- Voice, T1, ISDN 155/622 Mbps ATM
- Power over Ethernet (PoE)

ORDER INFORMATION

PART CODE	DESCRIPTION
DNET-123	Cat6A UTP Patch Cord

U/UTP unshielded twisted 4 pairs CAT 6 FLAT PATCH CORD

Prepared cable with unshielded RJ-45 plug on both ends
 Extra flat cable for special applications
 Durable cables thanks to kink protection
 Contact settings 1:1 in accordance with EIA/TIA 568, 8 lines
 Construction: internal line 8 wires
 Plug with gold plated contacts



SPECIFICATIONS

Conductor: Stranded Bare Copper 32AWG
Insulation : HDPE
Total number of insulated conductors : 8, twisted In 4 pairs
Individual pair shield : None
Overall shield: None

STANDARD

- Electrical performance guaranteed to meet or exceed ANSI/TIA-5688 Category 6 and ISO/EiC specifications.
- Independently tested and verified intertek(ETL).
- Ideal for Data center architectural requirements.
- Stranded cable for maximum flexibility.
- Available with different plug mold.
- Available with different color or cable.
- Available with different length.

ORDER INFORMATION

PART CODE	DESCRIPTION
DNET-123	Cat6 U/UTP Flat Patch Cord

CAT 5e UTP Keystone Jack 90 Degree



P/N: DNET123456
UTP Cat.5e Keystone Jack 90 Degree,
Tooless, Folding Type

Main Description of The Product:

1. Unshielded Keystone jack. Tooless type. The products are used in the Equipment Rooms & Work area as communication connectors of the intelligent Buildings.
2. According to the standard of ISO/IEC 11801 :2002 Class D & ANSI/TIA/EIA/568-B CAT.5E standard.
3. According the requirement of T568A & T568B. The T568A & T568B labels are stucked on the both sides of the product to give a exact guide when a engineer punches the cables.
4. Connecting: RJ45 port for UTP patch cord and the IDC port for UTP horizontal cabling.
5. In accordance with RoHS Derective.
6. Fitting for Cat.5e Cabling systems.

Technique Characteristics:

1. The plastic parts' material: PC UL94V-O
2. 8 pin: Phosphor Bronze with golden plated 3U, 6U, 15U, 30U, SOU at option. Inserting Duration: 750 times.
3. IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching Duration: 250 times.
4. Punching Tools: Tooless Type.
5. Testing condition of transmitting capability: 100MHz

CAT 5e UTP Keystone Jack 180 Degree

Main Description of The Product:

1. Keystone Jack, Cat.5e Class, UTP Type, fit for connecting application of communication ports in working area.
2. A compact & ingenious designing, with the punching sequence direction marks on the punching cover of keystone jack, which can provides a correct and quick guide for punching and connecting operation. And the punching cover will make sure the cable can be fixed reliably in the IDC clips dust-free.
3. According to the standard of the ISO/IEC 11801:2002 CLASS D & ANSI/TIA/EIA568-B CAT.5E, T568A punching sequence and T568B punching sequence are both compatible.
4. Fitting for the Cat.6 general cable distribution system. and be Compatible for panduit Cat.5 and Cat.5e systems.

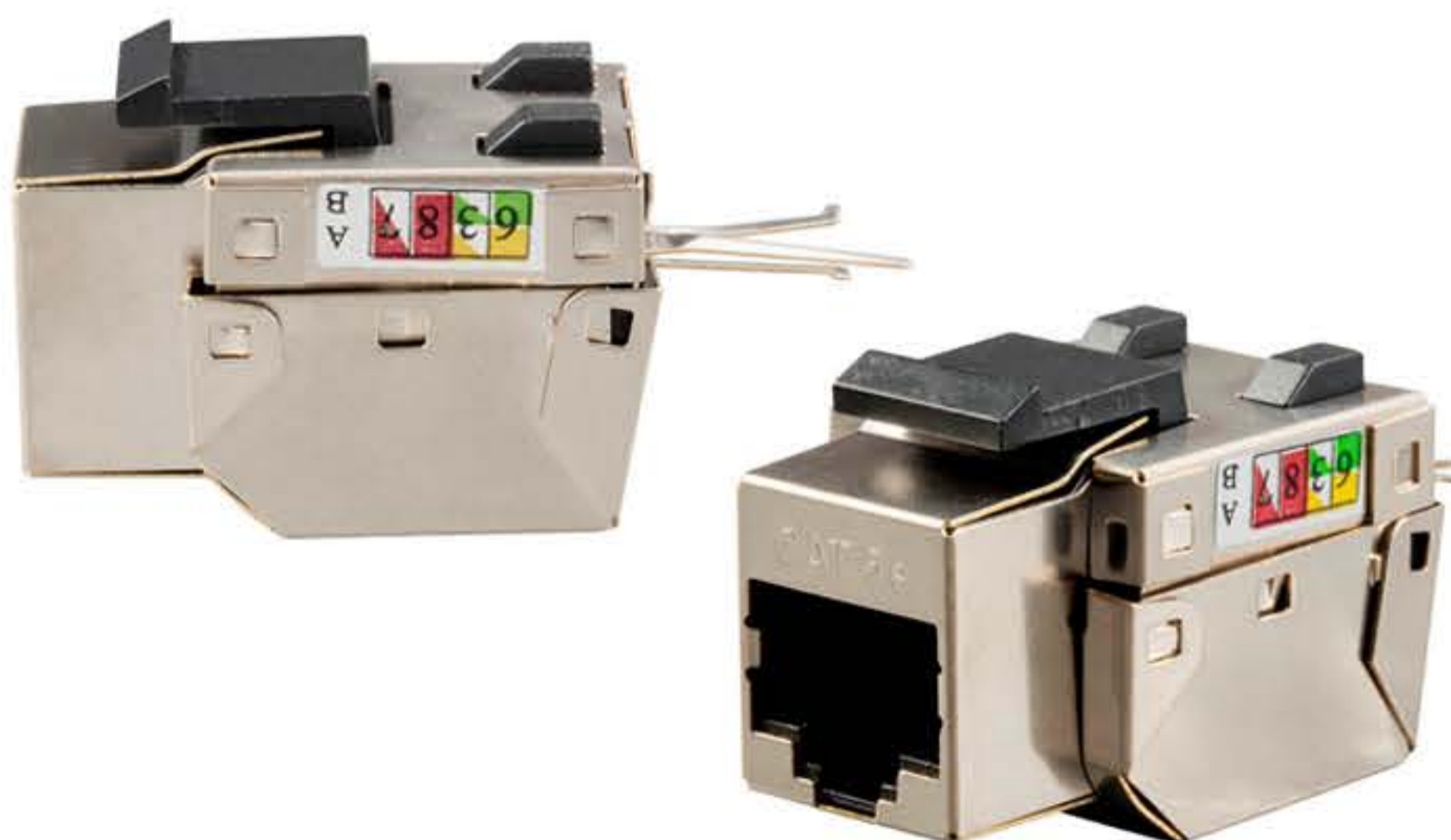
Technique Characteristics:

1. Material of plastic parts: PC UL94V-O.
2. Material of the FCC connectors' 8 pin: Phosphor Bronze with golden plated 3U, 6U, 15U, 30U, SOU at option. Inserting Duration: 750 times.
3. Material of the IDC Clips: linned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching Duration: 250 times.
4. Punching Tools: Tooless type Assembly cables with punching cover .
5. Testing condition of transmitting capability: 100MHz



P/N: DNET123456
UTP Cat.5e Keystone Jack 180 Degree

CAT 5e F/UTP Keystone Jack 90 Degree



P/N: DNET123456
F/UTP Cat.5e Keystone Jack 90 Degree

Main Description of The Product:

1. Unshielded KJ. The products are used in the Equipment Rooms & Work area as communication connectors of the intelligent Buildings.
2. The structure of the Keystone Jack is compact, which can make your work more easy and fast. The original dust-free hats can prevent the cable breaking off from the IDC ports .
3. According to the standard of ISO/IEC 11801:2002 Class D & ANSITIA/EIA/568-B CAT.5E standard.
4. According the requirement of T568A & T568B. The T568A & T568B labels are stucked on the both sides of the product to give a exact guide when a engineer punches the cables.
5. Connecting: Rj45 port for STP patch cord and the IDC port for STP horizontal cabling.
6. 1n accordance with RoHS Derective.
7. Fitting for the Cat.5e general cable distribution system

Technique Characteristics:

1. The plastic parts' material: PC UL94V-O
2. 8 pin: Phosphor Bronze with golden plated 3U, 6U, 15U, 30U, SOU at option. Inserting Duration: 750 times.
3. IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching Duration: 250 times.
4. Punching Tools: Tooless Type.
5. Testing condition of transmitting capability: 100MHz



CAT 6 U/UTP Keystone Jack 90 Degree

Main Description of the Product:

1. Keystone Jack, CAT.6 Class, UTP Type, for connecting application of communication ports in working area.
2. A compact & ingenious designing, with the punching sequence direction marks on the sides of keystone jack. That can provides a correct and quick guide for punching and connecting operation. And the fastening cap will make sure the cable can be fixed reliably in the IDC clips.
3. According to the standard of ISO/IEC 11801;2002 CLASS E & ANSI/TIA/EIA568-B.2-1CAT.6, T568A punching sequence and T568B punching sequence are both compatible.
4. Connection Type: FCC connector for RJ45 patch cord and IDC for 4-pair Cat.6 cables.
5. Fitting for the Cat.6 general cable distribution system. Compatible for Cat.5 and Cat.5e systems.

Technique Characteristics:

1. Material of plastic parts: PC UL94V-0.
2. Material of the FCC connectors' 8 pin: Phosphor Bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting Duration: 750 times.
3. Material of the IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG Cables. Punching Duration: 250 times.
4. Standard 110 Punching tool.
5. Testing condition of transmitting capability: 250MHz



P/N: DNKJ-UTP690

U/UTP Cat.6 Keystone Jack 90 Degree

CAT 6 U/UTP Keystone Jack 180 Degree

Main Description of The Product:

1. Keystone Jack, Cat.6 Class E, UTP Type, 180 punching direction, fit for connecting application of communication ports in working area.
2. A compact & ingenious designing, with the punching sequence direction marks on the sides of keystone jack. which can provides a correct and quick guide for punching and connecting operation. And the fastener hats will make sure the cable can be fixed reliably in the IDC clips.
3. According to the standard of the ISO/IEC 11801;2002 CLASS E & ANSI/TIA/EIA568-B.2-1CAT.6, T568A punching sequence and T568B punching sequence are both compatible.
4. Connection Type: FCC connector for RJ45 patch cord and IDC for 4-pair Cat.6 cables.
5. Fitting for the Cat.6 general cable distribution system. Compatible for Cat.5 and Cat.5e systems.

Technique Characteristics:

1. Material of plastic parts : PC UL94V-0.
2. Material of the FCC connectors' 8 pin: Phosphor Bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting Duration: 750 times.
3. Material of the IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG cables. Punching Duration: 250 times.



P/N: DNET123456

U/UTP Cat.6 Keystone Jack 180 Degree

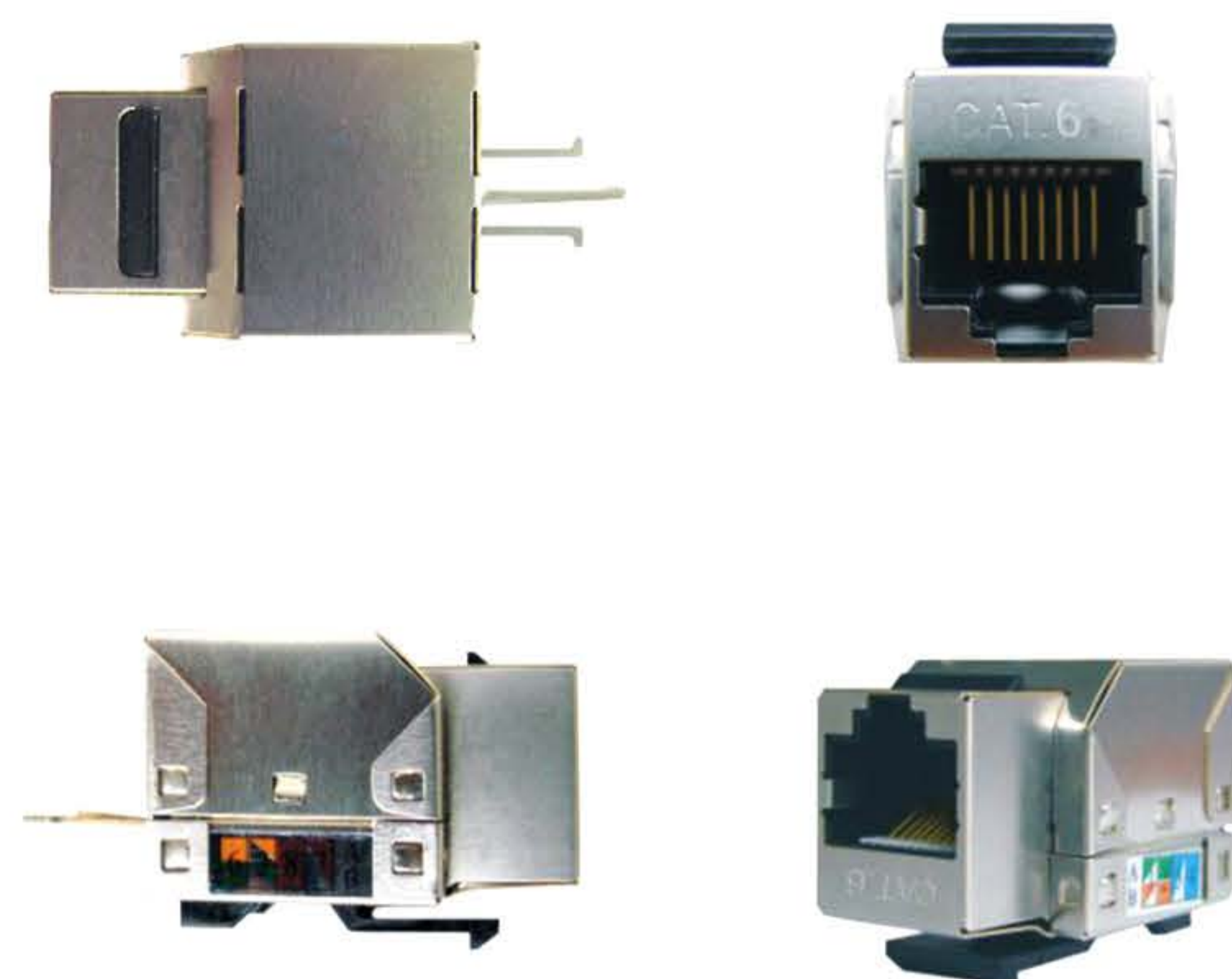
CAT 6 F/UTP Keystone Jack 90 Degree

Main Description of The Product:

1. Shielded KJ. The products are used in the Equipment Rooms & Work area as communication connectors of the intelligent Buildings.
2. The product can resists the Electro Magnetic Interference (EMI) effectively with the compact full-closed shielding structure.
3. According with ISO/IEC 11801:2002 Class E & ANSI/TIA/EIA/568-B.2-1 CAT.6 standard.
4. According with T568A & T568B. The T568A & T568B labels are adhibited on the both sides of the product to give a exact guide when a engineer punches the cables.
5. Connecting: RJ45 port for STP patch cord and the IDC port for STP horizontal cabling.
6. In accordance with RoHS Dervative.
7. Fitting for Cat.6 Cabling systems, can also be used on Cat.5 and Cat.5e cabling systems.

Technique Characteristics:

1. Housing and other plastic parts' material: PC UL94V-0.
2. 8 Pin of the RJ45 jack: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting Dependability: 750 times.
3. IDC Clips: linned phosphor bronze pins. Fitting for 22AWG/ 23AWG/24AWG Cables. Punching Dependability: 250
4. Punching Tool: Standard 110 Punching tool.
5. Testing condition of transmitting capability: 250MHz.



P/N: DNET123456

F/UTP Cat.6 Keystone Jack 90 Degree

CAT 6 U/UTP Keystone Jack Toolless

Main Description of the Product:

1. Keystone Jack, CAT 6 Class E, UTP Type, for connecting application of communication ports in working area.
2. A compact & ingenious designing, with the punching sequence direction marks on the punching cover of the keystone jack. That can provides a correct and quick guide for punching and connecting operation. And the fastener hats will make sure the cable can be fixed reliably in the IDC clips.
3. According to the standard of ISO/IEC 11801:2002 CLASS E & ANSI/TIA/EIA568-B.2-1CAT.6, T568A punching sequence and T568B punching sequence are both compatible.
4. Connection Type: FCC connector for RJ45 patch cord and IDC for 4-pair Cat.6 cables.
5. Fitting for the Cat.6 general cable distribution system . Compatible for Cat.5 and Cat.5e systems.

Technique Characteristics:

1. Material of plastic parts: PC UL94V-0.
2. Material of the FCC connectors' 8 pin: Phosphor Bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting Duration: 750 times.
3. Material of the IDC Clips: linned phosphor bronze pins. Fitting for 22AWG/23AWG /24AWG Cables. Punching Duration: 250 times.
4. Punching Tools: Toolless punching type Assembly the cables with the punching cover.
5. Testing condition of transmitting capability: 250MHz



P/N: DNET123456
U/UTP Cat.6 Keystone Jack Toolless

CAT 6 U/UTP Module Toolless

Main Description of the Product:

1. Unshielded KJ. The products are used in the Equipment Rooms & Work area as communication connectors of the intelligent Buildings.
2. The structure of the Keystone Jack is compact, that can make your work more easy and fast. The original punching cover dustfree cover can prevent the cable from slipping off from the IDC ports.
3. According to the standard of ISO/IEC 11801:2002 Class E & ANSI/TIA/EIA/568-B.2-1 CAT.6 standard.
4. According to the requirement of T568A & T568B. The T568A & T568B labels are stucked on the both sides of the product to give a exact guide when a engineer punches the cables.
5. Connecting: RJ45 port for UTP patch cord and the IDC port for UTP horizontal cabling.
6. In accordance with RoHS Derective.
7. Fitting for Cat.6 Cabling systems, can also be used on Cat.5 and Cat.5e cabling systems.



P/N: DNET123456
U/UTP Cat.6 Module UK Type, Toolless

Technique Characteristics:

1. Housing and other plastic parts' material: PC UL94V-0
2. 8 Pin of the RJ45 jack: Phosphor bronze with golden plated 3U, 6U, 15U, 30U, 50U at option. Inserting Duration: 750 times.
3. IDC Clips: Tinned phosphor bronze pins. Fitting for 22AWG/23AWG/24AWG Cables. Punching Duration: 250 times.
4. Punching Tools: Toolless type use the punching cover Assembly the cables.
5. Testing condition of transmitting capability: 250MHz

CAT 5E U/UTP MODULAR PLUGS

Description

We offer modular plugs in standard configuration terminate modular cords for patching or Work area application . modular plugs can be terminated to the exact cable length in order to Maintain a nearer more organized installment . the plugs terminate twist pair cable with 26-22 AWG solid all plugs contracts have 50 micron inches of gold plating over nickel.

P/N: DNMP456



Features

- 6-50 micron RJ-45 staggered gold plated connectors
- Fitted with strain relief boots
- With or without reports made to the order
- 100% Tested Wiring Sequence and Continuity
- Excellent Attenuation and Crosstalk Characteristics
- Connector with staggered pin configuration to limit cross talk
- Exceed Category 6 requirement
- They are available in a variety of the lengths

CAT 5E F/UTP MODULAR PLUGS

Description

We offer modular plugs in standard configuration terminate modular cords for patching or work area application , modular plugs can be terminated to the exact cable length in order to maintain a nearer , more organized installment , the plugs terminate twist pair cable with 26-22 AWG solid all plugs contracts have 50 micron inches of gold plating over nickel.

P/N: DNMP456



Features

- Clear color
- Meet or exceed the requirement in the Cat 5e T568 A and T568 B (Telecommunication requirement)
- Contacts are nickel plated, phosphor bronze with 6 to 50u' gold plate
- Meets EIA/TIA 568 Cat 5E (Cat 3) specification
- Contact blade : phosphor bronze
- Exclusive stagger conductors guide design reduces near end cross talk

CAT 6 UTP MODULAR PLUGS

Description

Boots offer cable-end color ID, strain relief and RJ45 plug tab protection from snagging on cables or connectors when routing in ceilings and under floors, Suitable for Indoor Installations.

P/N: DNMP456



Features

- 6-50 micron RJ-45 staggered gold plated connectors
- Fitted with strain relief boots
- With or without reports made to the order
- 100% Tested Wiring Sequence and Continuity
- Excellent Attenuation and Crosstalk Characteristics
- Connector with staggered pin configuration to limit cross talk
- Exceed Category 6 requirement
- They are available in a variety of the lengths

CAT 6 FTP MODULAR PLUGS

Description

Boots offer cable-end color ID, strain relief and RJ 45 plug tab protection from snagging on cables or connectors when routing in ceilings and under floors. Suitable for Indoor Installations.

P/N: DNMP456



Features

- 6-50 micron RJ-45 staggered gold plated connectors
- Fitted with strain relief boots
- With or without reports made to the order
- 100% Tested Wiring Sequence and Continuity
- Excellent Attenuation and Crosstalk Characteristics
- Connector with staggered pin configuration to limit cross talk
- Exceed Category 6 requirement
- They are available in a variety of the lengths

FACE PLATE



P/N: DN-FPAM2P

Face Plate, 86 x 86 UK Style, Double Port, Angled, Shuttered, Modular, No keystone Jack



P/N: DN-FPAM1P

Face Plate, 86 x 86 UK Style, Single Port, Angled, Shuttered, Modular, No keystone Jack



P/N: DN-SB5E1P

Mounting Back Box, 87 x 87 x 45 (British Style)



P/N: DN-FP451P

Face Plate, 86 x 86, 1 Port Face Plate, Material: ABS, White Color, (45° Interface)



P/N: DN-FP452P

Face Plate, 86 x 86, 2 Port Face Plate, Material: ABS, White Color, (45° Interface)



DN-3013 CABLE MANAGEMENT

- 19" Panel
- 1U height
- Metal Material
- 5 Port



DN-3015 CABLE MANAGEMENT

- 19" Panel
- 1U height
- Metal Material
- 12 Port



DN-3017 CABLE MANAGEMENT

- 19" Panel
- 1U height
- Metal Material
- 25 Port



DN-3016 CABLE MANAGEMENT

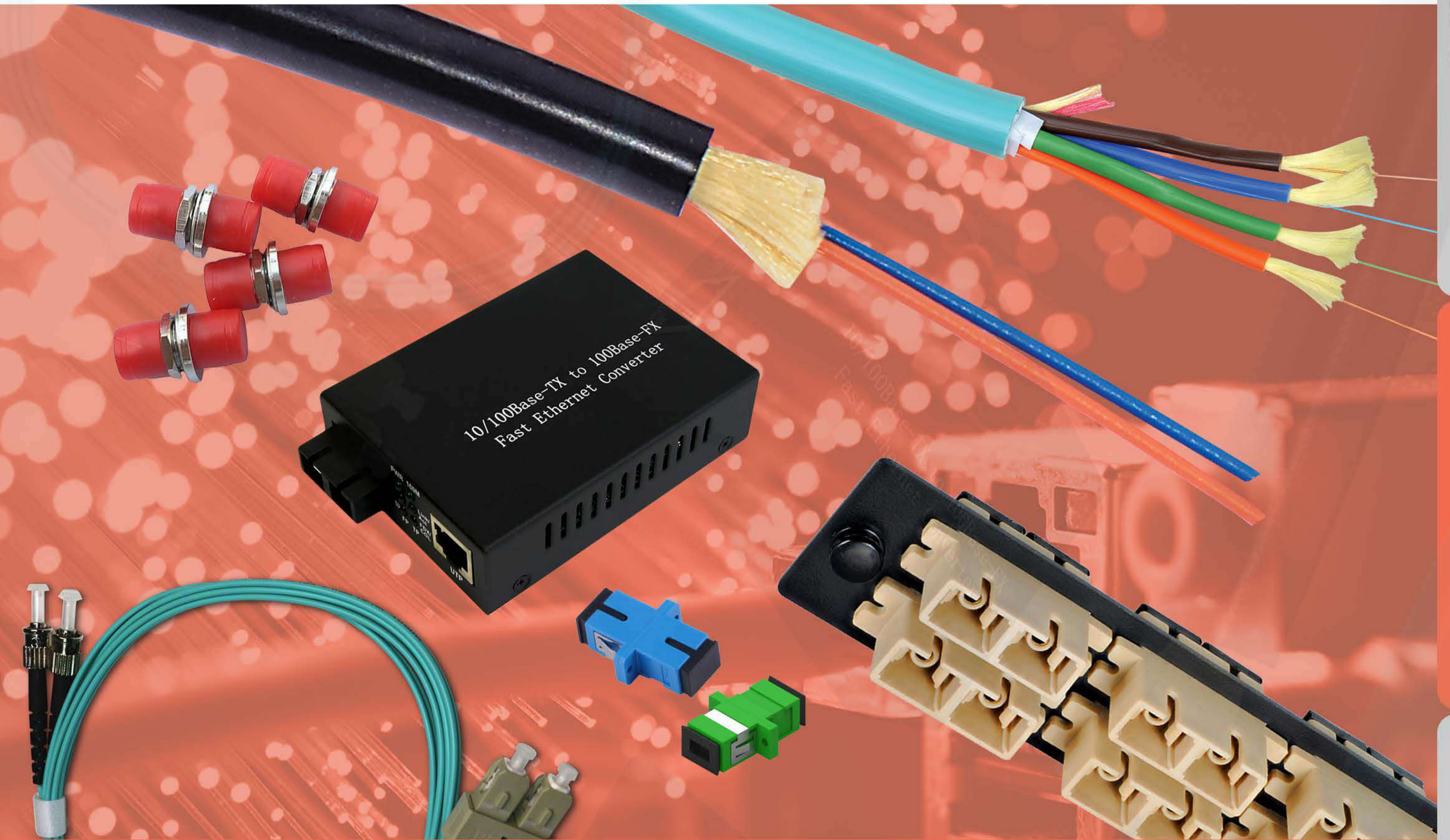
- 19" Panel
- 1U height
- Plastic Material
- 12 Port



DN-3018 CABLE MANAGEMENT

- 19" Panel
- 1U/1RU Brush Panel





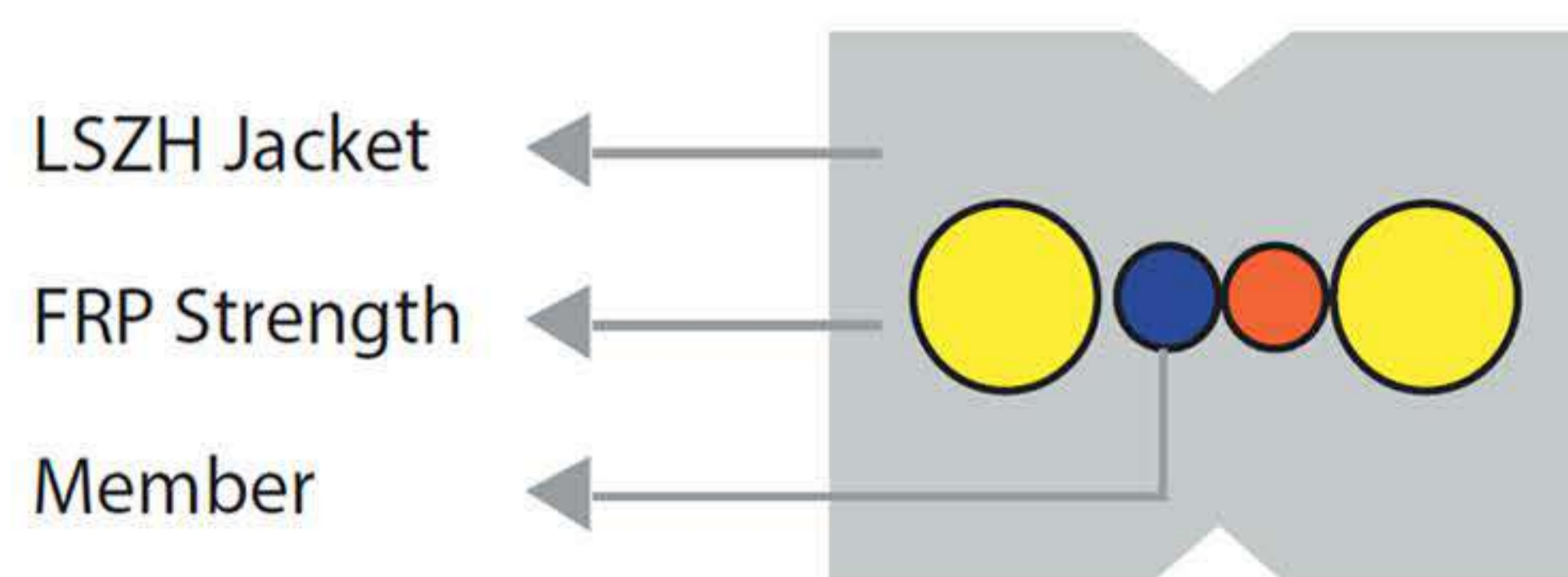
FIBER OPTICS SYSTEM

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Fiber Optic Cable FTTH 2 Core Indoor Single Mode LSZH

Description

D-Net's Flat FTTH Drop Cable is used in high speed and broadband telecommunication indoor applications. It contains two general-purpose single-mode fibers FTTH indoor LAN cable, suitable for installation in villas, multi dwelling units, home short-distance data transmission. The indoor fiber construction is comprised of white optical fibers, two parallel FRP (Fiber Reinforced Plastic) strength members and an LSZH Jacket. These lightweight cables have excellent crush and impact resistance properties. D-Net's Flat FTTH cable meets EIA-TIA 455 and IEC-60794. Optical characteristics of the cable meets ISO/IEC 11801 standard.



Items	Units	Specifications
Attenuation	dB/km	≤0.36 at 1310nm ≤0.3 at 1550nm
Chromatic Dispersion	Ps/nm.km	≤3.5 at 1285~1330nm ≤18.0 at 1550nm
Zero Dispersion Wavelength	Nm	1302~1322
Zero Dispersion Slope	Ps/nm.km	≤0.095
Cut-off Wavelength	Nm	≤1260
Mode Field Diameter (MFD)	Um	1310 9.2±0.4 1550 10.4±0.8
Mode Field Concentricity	Um	≤0.8
Cladding Diameter	um	125±1.0
Cladding Non-circularity	%	≤1
Coating Cladding concentricity error	Um	≤12
Coating Diameter	um	245±1.0
Proof test	kpsi	≥100
Temperature range Storage/Shipping	Co	-10° -- +75°
Operating temperature range (Operating)	Co	-10° -- +75°
Min. Bending Radius (mm)	Dynamic(mm)	20H
Min. Bending Radius (mm)	Static(mm)	10H
Max. Tension (N)	Short-term(N)	80
Max. Tension (N)	Long-term(N)	40
Max. Crushing Resistance	N/100mm2	500
No. of fiber		2
Fiber model no.		Single mode: G.652
Fiber color		Blue, orange
Outer diameter of color coating		250±15um
Dielectric strength member		FRP
Jacket		PE
Colour of Jacket		Black
Size of optical fiber cable width	mm	3.1±0.2
height	mm	1.9±0.2

Packing and markings

Printings on optical fiber cable

Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. D-Net name
4. Year of manufacture

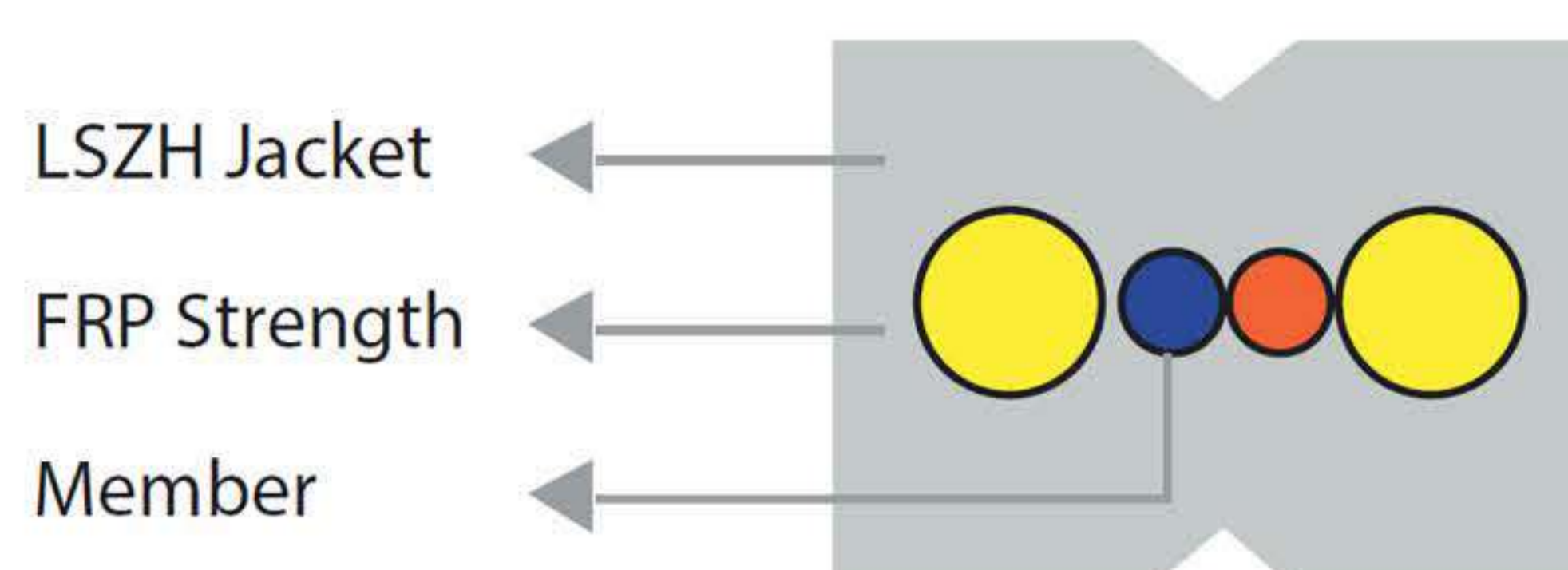
ORDER Information

Description	Weight (Kg)	
D-Net FO Outdoor Cable 2Core 9/125 PE 1KM/RL	9	DN-FR29X1
D-Net FO Outdoor Cable 2Core 9/125 PE 2KM/RL	18	DN-FR29X2

Fiber Optic Cable FTTH 2 Core Outdoor Single Mode PE

Description

D-Net's Flat FTTH Drop Cable is used in high speed and broadband telecommunication indoor applications. It contains two general-purpose single-mode fibers FTTH indoor LAN cable, suitable for installation in villas, multi dwelling units, home short-distance data transmission. The indoor fiber construction is comprised of white optical fibers, two parallel FRP (Fiber Reinforced Plastic) strength members and an LSZH Jacket. These lightweight cables have excellent crush and Impact resistance properties. D-Net's Flat FTTH cable meets EIA-TIA 455 and IEC-60794. Optical characteristics of the cable meets ISO/IEC 11801 standard.



Items	Units	Specifications
Attenuation	dB/km	≤0.36 at 1310nm ≤0.3 at 1550nm
Chromatic Dispersion	Ps/nm.km	≤3.5 at 1285~1330nm ≤18.0 at 1550nm
Zero Dispersion Wavelength	Nm	1302~1322
Zero Dispersion Slope	Ps/nm.km	≤0.095
Cut-off Wavelength	Nm	≤1260
Mode Field Diameter (MFD)	Um	1310 9.2±0.4 1550 10.4±0.8
Mode Field Concentricity	Um	≤0.8
Cladding Diameter	um	125±1.0
Cladding Non-circularity	%	≤1
Coating Cladding concentricity error	Um	≤12
Coating Diameter	um	245±1.0
Proof test	kpsi	≥100
Temperature range Storage/Shipping	C°	-10° -- +60°
Temperature range Operating	C°	-10° -- +60°
Min. Bending Radius (mm)	Dynamic(mm)	20H
Min. Bending Radius (mm)	Static(mm)	10H
Max. Tension (N)	Short-term(N)	100
Max. Tension (N)	Long-term(N)	50
Max. Crushing Resistance	N/100mm ²	1000
No. of fiber		2
Fiber model no.		Single mode: G.652
Fiber color		Blue, orange
Outer diameter of color coating		250±15um
Dielectric strength member		FRP
Jacket		LSZH
Colour of Jacket		White
Size of optical fiber cable	width (mm)	3.1±0.2
	height (mm)	1.9±0.2

Packing and markings	
Printings on optical fiber cable	
Black printings are printed at intervals of 1 meter with the following information.	
1.	Meter marks
2.	Type of cable and fiber count
3.	D-Net name
4.	Year of manufacture

ORDER CODES		
Description	Weight (Kg)	
D-Net FO Indoor Cable 2Core 9/125 LSZH 1KM/Reel	9	DN-FR29Y1
D-Net FO Indoor Cable 2Core 9/125 LSZH 2KM/Reel	18	DN-FR29Y2

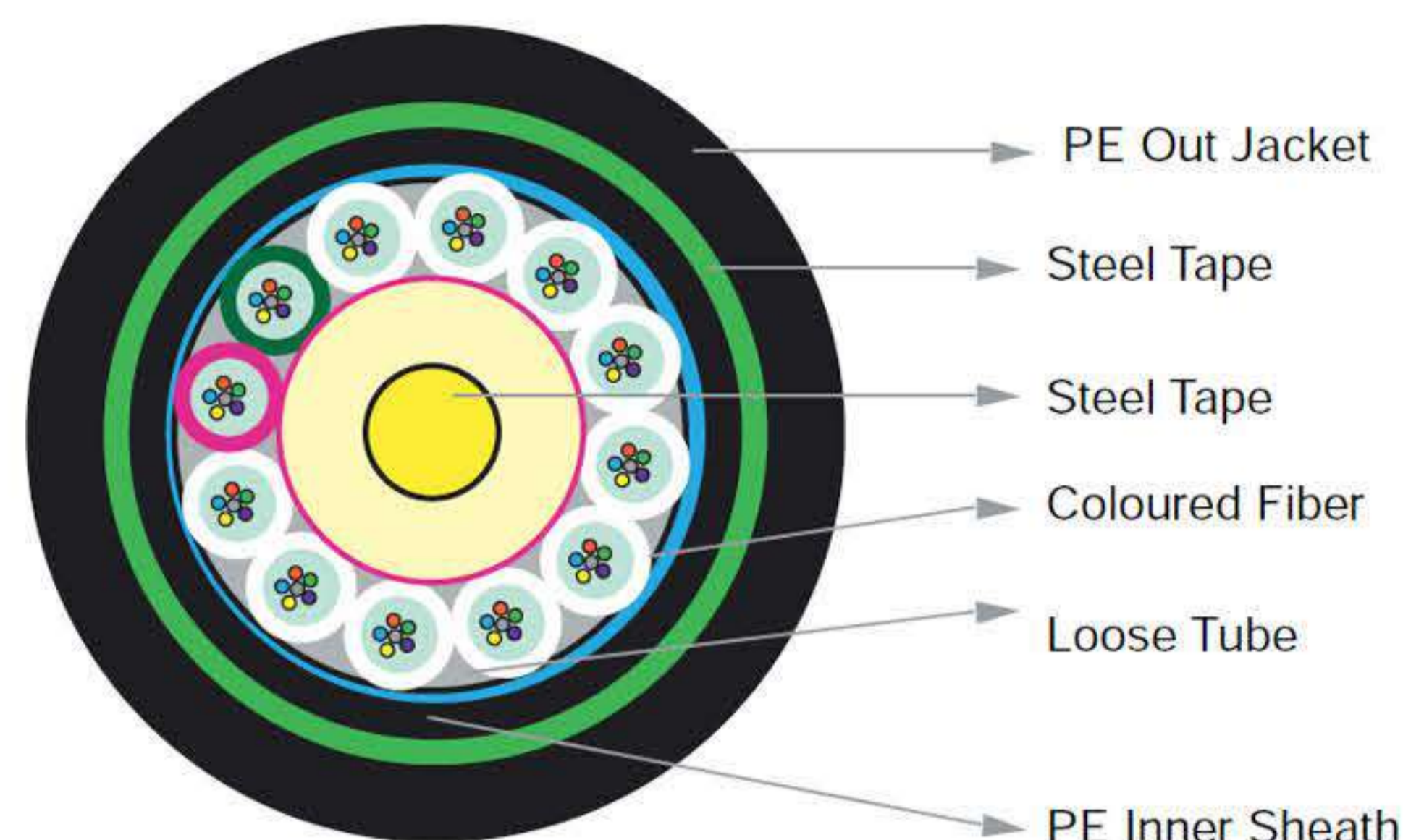


Fiber Optic Cable Loose Tube Outdoor SM & MM Double Armored With Two Jackets

Description

D-Net's Outside Plant Single Armor Double Jacket Loose Tube fiber optic cables are designed for installation in harsh environments such as direct burial, aerial lashing, conduit and pathways that are subjected to wide temperature variations. The Armored Outside Plant product incorporates a corrugated steel armor tape between two jackets surrounding the core and is offered with two 144 fibers per cable. These cables are thoroughly tested and verified to TIA standard for outside cabling systems. D-Net's Outside Plant Single Armor Double Jacket Loose Tube fiber optic cables' features:

- High tensile strength, crush-resistant and small-diameter design
- Single-mode, multimode and hybrid design options available
- Corrugated steel armor provides crush and rodent resistance
- Fully water-blocked core using dry water blocking system
- Low Smoke, Zero Halogen and Armored designs
- Provides greater pulling distances, thus reducing installation time
- Broad design selection enables mix and match of fiber components to specific networking applications
- One cable design meets all structured cabling applications
- Long-term reliability
- Low cable plant maintenance, ease of installation



Items	Specifications
1 - Fiber Count	2 to 144
2 - Fiber Characteristic	According to the standard chromatogram
3 - Outer diameter of Loose Tube	2.15±0.05mm
4 - Central Strength Member	Steel Wire
5 - Armored steel tape thickness	0.15mm
6 - Out jacket Material	PE

Fiber mode	Unit	Single mode fiber G652B	Multimode fiber 50/125	Multimode fiber 62.5/125
Condition	nm	1310/1550	850/1300	850/1300
Attenuation	dB/km	0.4/0.3	3.5/1.5	3.0/1.0
Dispersion 1550nm	ps(nm.km)	≤18	----	----
1625nm	ps(nm.km)	≤22	----	----
Bandwidth 850nm	MHZ.km	----	≥200	≥160
1300nm	MHZ.km	----	≥200	≥200

Application:

Temperature range		°C	-40°-- +70°
Nominal weight		'g/m	LSZH:55
Min.Bending Radius (mm)	Dynamic	mm	20D
Min.Bending Radius (mm)	Dynamic	mm	10D

Cable Data:

Fiber count	O.D.(mm)	No. of Tubes	Cable wt.(kg/km)	Max. tension(N)	Max. crush resistance (N/100)		
				Short	Long	Short	Long
2--60	13.0±0.5	6	145	3000	1000	3000	1000
62--72	13.0±0.5	6	196	3000	1000	3000	1000
74--96	14.0±0.5	8	230	3000	1000	3000	1000
98--120	16.0±0.5	10	270	3000	1000	3000	1000
122--144	18.5±0.5	12	360	3000	1000	3000	1000

Packing and markings

Printings on optical fiber cable

Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. D-Net name
4. Year of manufacture

ORDER CODES

Description	Weight (Kg)	
D-Net FO Indoor Cable 2Core 9/125 LSZH 1KM/Reel	9	DN-FR29Y1
D-Net FO Indoor Cable 2Core 9/125 LSZH 2KM/Reel	18	DN-FR29Y2

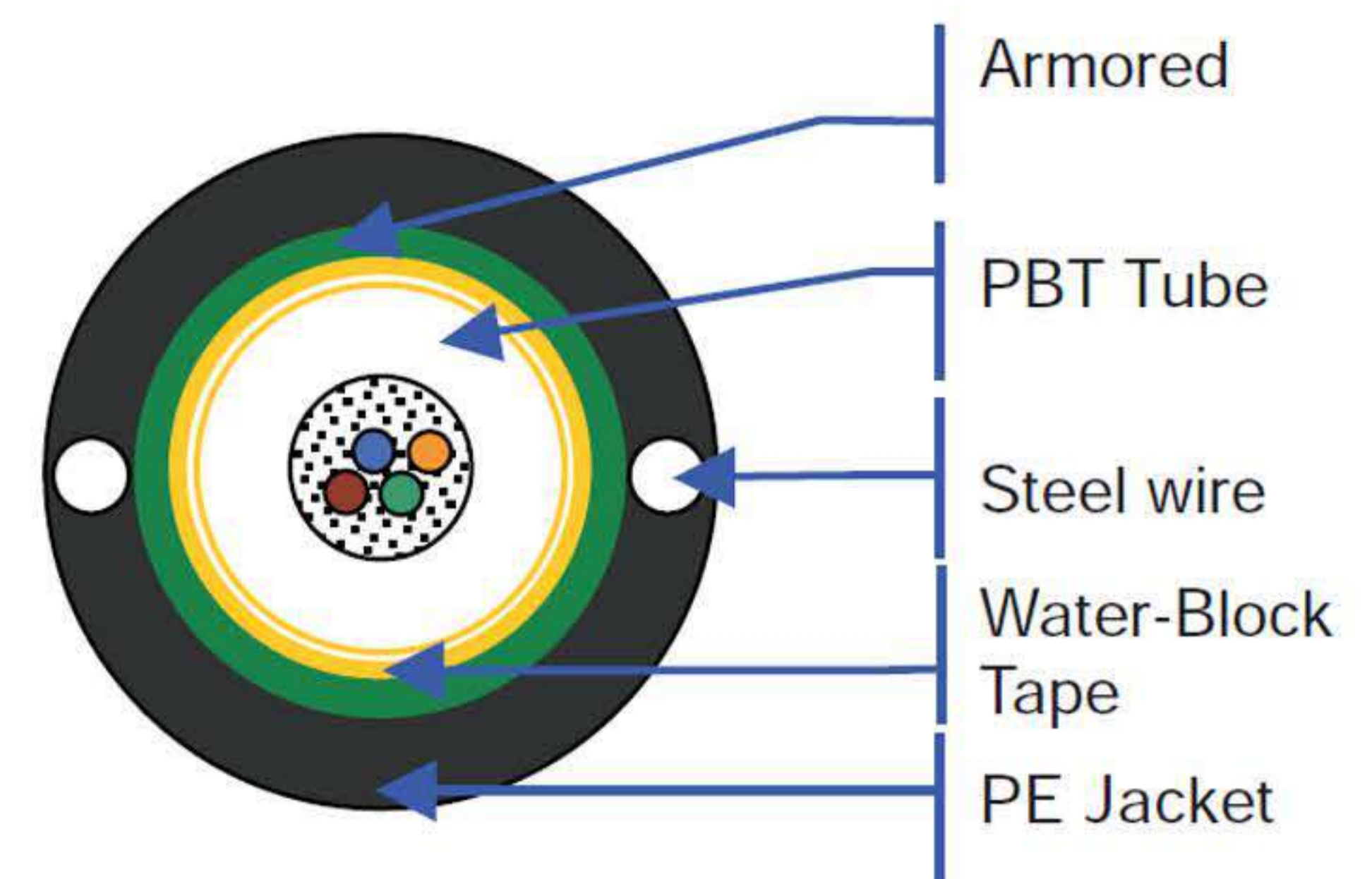
Fiber Optic Cable Loose Tube 2-12 Core Outdoor Steel Wire Armored

Description

D-Net's indoor/outdoor armored single loose tube cables are designed to meet all the rigours of the outside plant environment, and have the necessary ratings to be installed inside the building. These cables eliminate the messy gel filler of traditional loose tube style cables with super absorbent polymers. The installer can place the cable anywhere in the network, bypassing the traditional transition points required in most installations. Cables are available with fiber counts 12 in a single tube.

D-Net's indoor/outdoor armored single loose tube cables' features:

- No cleaning of gels, greatly reduces installation time
- Reduces labor costs by eliminating transition points at the demarcation
- Can be used outdoors or indoors
- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use
- Single-Tube construction
- Additional strength member



Other Dimensions						
1. Appearance	Slickness					
2. Package	Wooden drum					
3. Length per drum	KM per drum; other length is upon request					
4. Test report	Attached with the OTDR test report					
Fiber characteristic						
Fiber Mode	Unit	Single mode	Multimode	Multimode	Multimode	Multimode
			G652B	50/125	62.5/125	OM3 300
Condition		nm	1310/1550	850/1300	850/1300	850/1300
Attenuation		dB/km	0.36/0.23	3.0/1.0	3.0/1.0	3.0/1.0
Dispersion	1550nm	ps(nm-km)	≤18	-----	-----	-----
	1625nm	ps(nm-km)	≤22	-----	-----	-----
Bandwidth	850nm	MHZ.km	-----	≥200	≥160	≥1500
	1300nm	MHZ.km	-----	≥200	≥200	≥500
Application						
Fiber Count						12
Outer diameter(mm)						8.0
Nominal Weight kg/km						60
Max. T ension				Short-term	2,500	
N				Long-term	800	
Max. Crushing Resistance				(N/100mm ²)	2,800	
Max. Bending Radius				Dynamic	20D	
mm				Static	10D	

ORDER INFORMATION

12 core loose tube steel wire Armored MM 50/125 (OM2) 1KM	DN-FR99Y12-1
12 core loose tube steel wire Armored MM 50/125 (OM2) 2KM	DN-FR99Y12-2

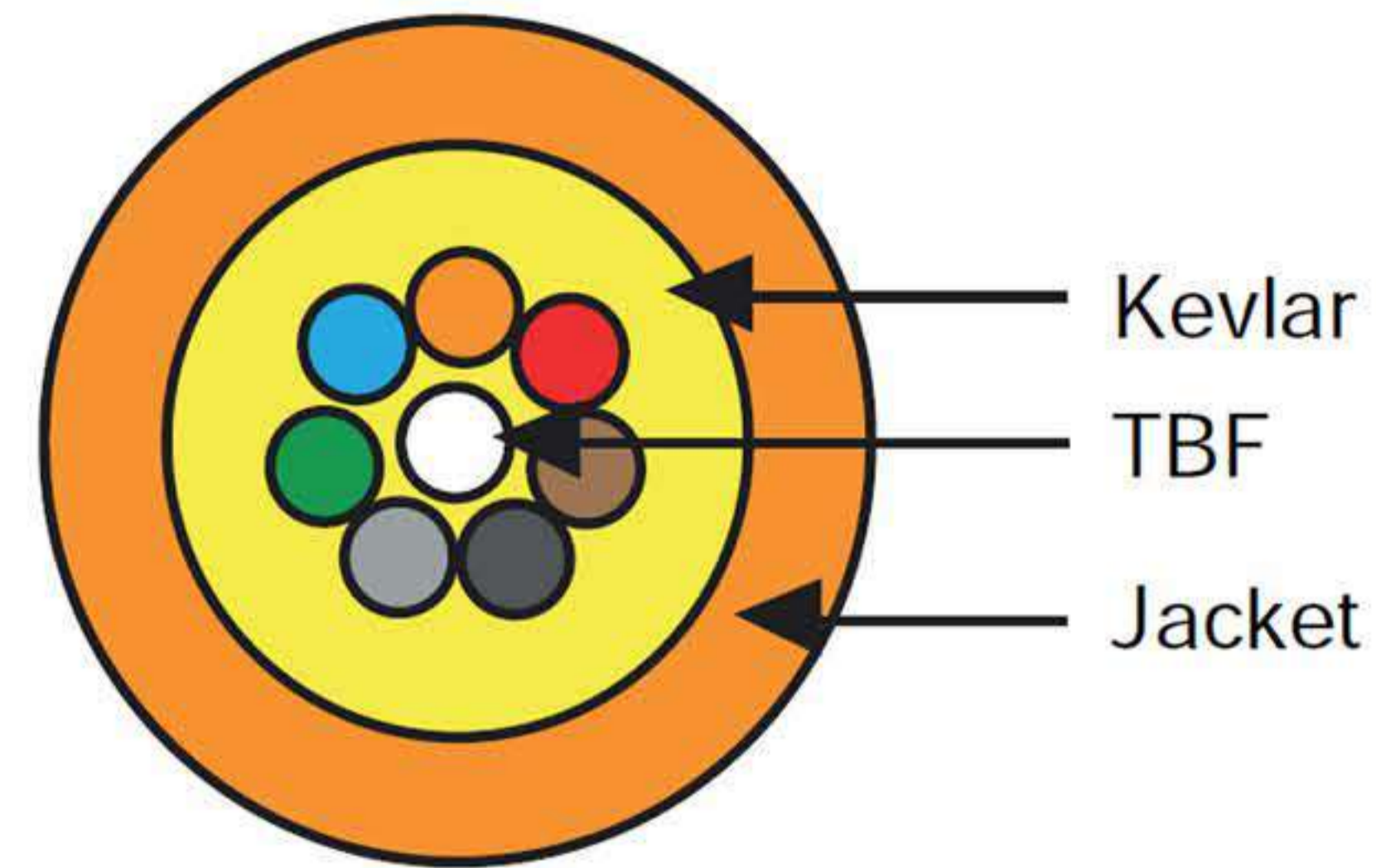


Fiber Optic Cable Tight Buffered 4-48 Cores Indoor SM & MM LSZH

Description

With superior technology and profile control, D-Net Tight Buffer OS1, OM2 and OM3 fibers revolutionise performance in local area networks, storage area networks, and central office interconnects. The D-Net Tight Buffer cable is designed with 900µm buffered structure for making easy connections. Its dry structure is perfect for risers and horizontal deployment as well as in duct applications (by pulling). D-Net Tight Buffer Optical Fiber Cable Features:

- Indoor cable
- Suitable for use in ducts or risers
- Designed for direct connectorization
- All dielectric design
- LSZH Outer Sheath
- 4 to 48 fibers
- Compact design
- Optical fiber coated 900µm
- Aramid yarns reinforcement



Mechanical Characteristics	OS1	OM2	OM3
Attenuation	OS1	OM2	OM3
Tight Buffer Fiber diameter	0.87±0.05mm	0.87±0.05mm	0.87±0.05mm
Fiber Diameter	242±7 µm	242±7 µm	242±7 µm
Min. Bending Radius Dynamic(mm)	20	20	20
Min. Bending Radius Static(mm)	10	10	10
Max. Tensile(N) Short Term	480	480	480
Max. Tensile(N) Long Term	160	160	160
Max. Crush Resistance(N/100mm ²)	1000	1000	1000
Climate Characteristics	OS1	OM2	OM3
Storage Temperature	-20 to 70	-20 to 70	-20 to 70
Installation/Operating Temperature	-5 to 55	-5 to 55	-5 to 55
Halogen-free			
Optical Characteristics	OS1	OM2	OM3
Frequency	1310/1550	850/1300	850/1300
Attenuation(dB/KM)	0.36/0.23	3.0/1.0	3.0/1.0
Dispersion 1550nm PS(nm.KM)	<=18		
Dispersion 1625nm PS(nm.KM)	<=22		
Bandwidth 850nm (MHZ.KM)		>=200	>=1500
Bandwidth 1300nm (MHZ.KM)		>=400	>=500
Application	OS1, OM2 and OM3	Indoor cabling	

number of fibers	Cable diameter(mm)	Cable Color	Weight(Kg)/KM	
OM2				
4	6.0+-0.20	Orange	32	IP-FR51Y4
6	6.0+-0.20	Orange	32	IP-FR51Y6
8	6.0+-0.20	Orange	32	IP-FR51Y8
12	8.0+-0.25	Orange	37	IP-FR51Y12
24	8.0+-0.25	Orange	43	IP-FR51Y24
48	8.0+-0.25	Orange	52	IP-FR51Y48
OM3				
4	6.0+-0.20	Orange	32	IP-FR51X4
6	6.0+-0.20	Orange	32	IP-FR51X6
8	6.0+-0.20	Orange	32	IP-FR51X8
12	8.0+-0.25	Orange	37	IP-FR51X12
24	8.0+-0.25	Orange	43	IP-FR51X24
48	8.0+-0.25	Orange	52	IP-FR51X48
OS1				
4	6.0+-0.20	Yellow	32	IP-FR91Y4
6	6.0+-0.20	Yellow	32	IP-FR91Y6
8	6.0+-0.20	Yellow	32	IP-FR91Y8
12	8.0+-0.25	Yellow	37	IP-FR91Y12
24	8.0+-0.25	Yellow	43	IP-FR91Y24
48	8.0+-0.25	Yellow	52	IP-FR91Y48

Packing and markings
 Printings on optical fiber cable
 Black printings are printed at intervals of 1 meter with the following information.

1. Meter marks
2. Type of cable and fiber count
3. D-Net name
4. Year of manufacture

ORDER CODES			
Description	Weight (Kg)		
D-Net FO Indoor Cable 2Core 9/125 LSZH 1KM/Reel	9		DN-FR29Y1
D-Net FO Indoor Cable 2Core 9/125 LSZH 2KM/Reel	18		DN-FR29Y2

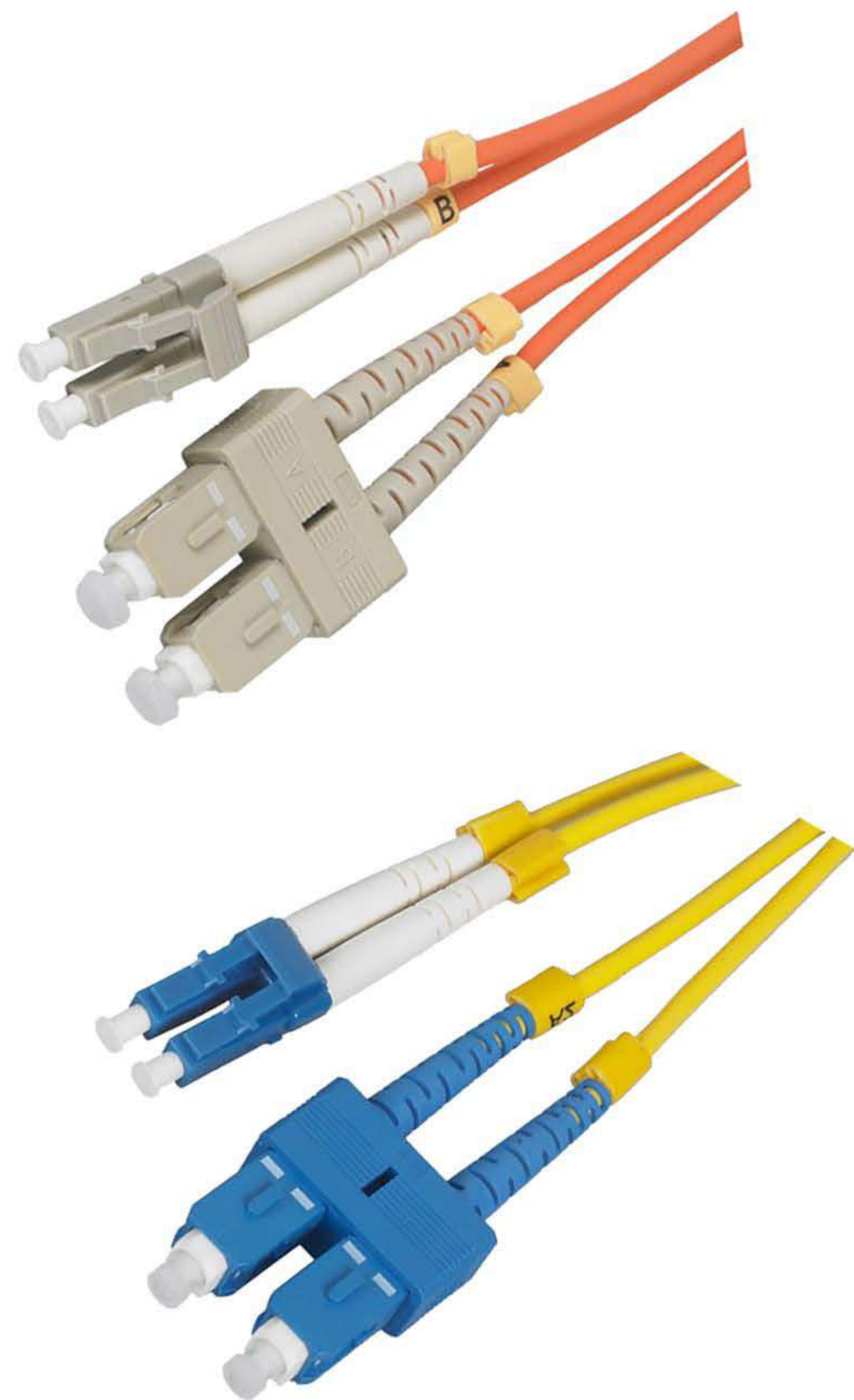


Optical Patch Cord Assemblies

Description

D-Net top quality, high-speed Duplex Fiber Optic Patch Cables will unleash the power of your telecommunications system. With ceramic ferrules, these patch cords are suitable for high-speed, high-bandwidth telecommunications such that you would find in any data transmissions with high QoS values. The patch cords operate at the 850 and 1330 nm transmission windows for multimode, and 1310 nm or 1550 nm transmission windows for single mode applications. Each Optical Fiber Patch Cord is constructed of the finest components and shipped in individually sealed bags to ensure that they arrive in perfect condition. Test results for the individual patch cables are included in each bag. Color-coded patch cords, as well as polarity tags at each end assist with identification during the installation process to make installation easy for anyone. The patch cords are offered in SC-SC, LC-LC, and SC-LC varieties for both single mode and multimode applications. D-Net Optical Fiber Patch cords features:

- Core Diameter: 50/125, 62.5/125, and 9/125 micron
- Insertion loss: typically <0.10 dB (LC); 0.20 dB (SC)
- Return loss: >20dB
- Ceramic Ferrules for increased durability
- TIA/EIA-568-B.3 compliant
- Connectors: (LC) Small form factor with latch; (SC) Small form factor
- Used primarily for high-speed data communications such as Gigabit, or 10 Gbps Ethernet
- Physical Contact: PC (Polished Connector), APC (Angled Polished Connector)



Key Features

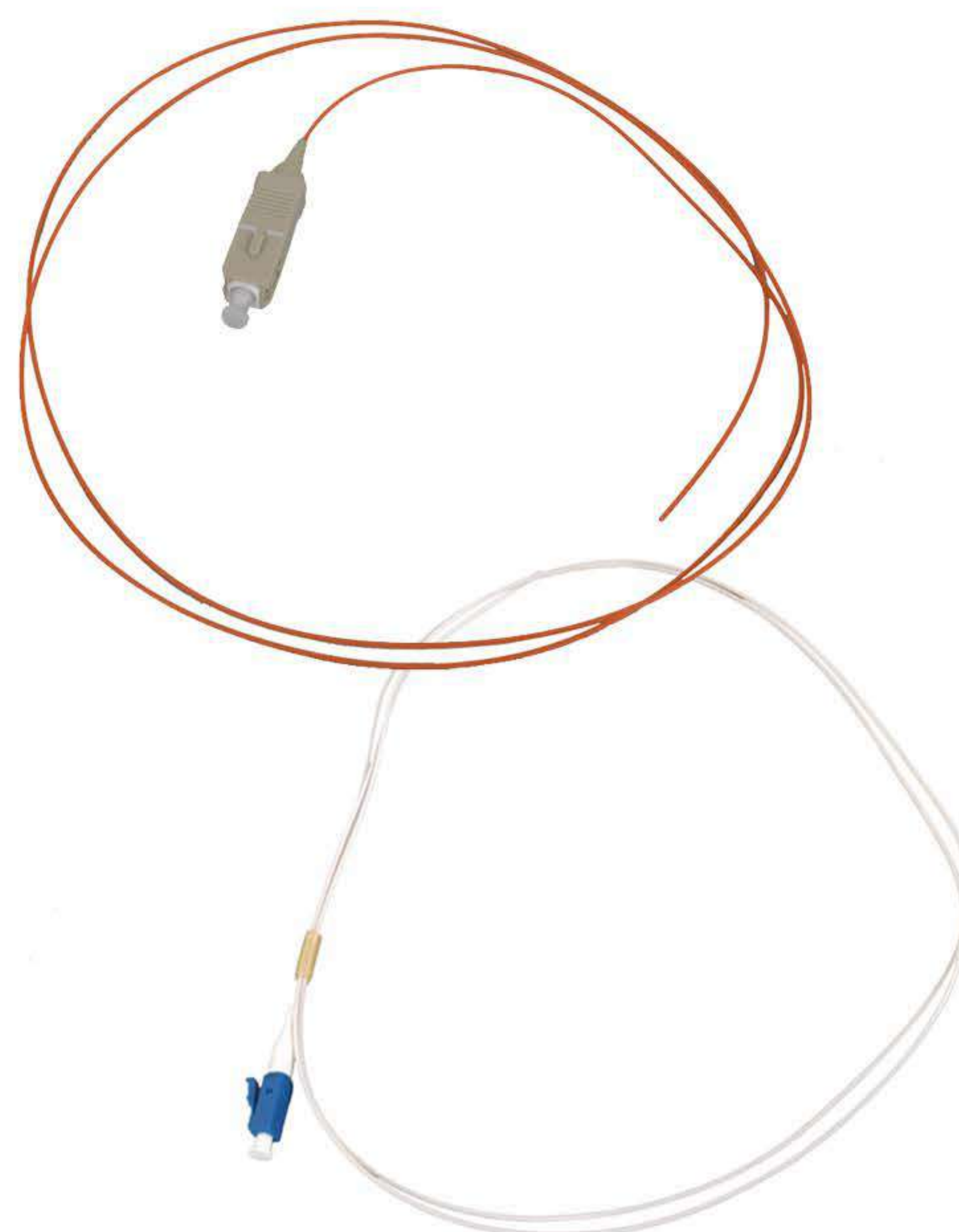
- Every single Patch Cord has been tested and comes with a test result
- All Patch Cords are available in PC or APC types
- All Patch Cords are available in different lengths
- Patch Cords are available in different types of connectors SC, LC, ST, FC MTRJ
- Patch Cords have variety of OM2, OM3 and OS1
- Extended Warranty

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30°C to 75°C
• Storage Temperature	-40°C to 85°C
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM <=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating

ORDER CODES	
D-Net FO Patch Cord LC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 1m	DN-FC9051
D-Net FO Patch Cord SC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 1m	DN-FC5101
D-Net FO Patch Cord SC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 1m	DN-FC9011
D-Net FO Patch Cord SC/PC-SC/PC, SM 9/125, Duplex, 3.0mm, yellow, 1m	DN-FC9031
D-Net FO Patch Cord SC/PC-SC/PC, MM 50/125, Duplex, 3.0mm, orange, 1m	DN-FC5031
D-Net FO Patch Cord LC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 1m	DN-FC5051
D-Net FO Patch Cord LC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 3m	DN-FC9053
D-Net FO Patch Cord SC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 3m	DN-FC5103
D-Net FO Patch Cord SC/PC-LC/PC, SM 9/125, Duplex, 3.0mm, yellow, 3m	DN-FC9013
D-Net FO Patch Cord SC/PC-SC/PC, SM 9/125, Duplex, 3.0mm, yellow, 3m	DN-FC9033
D-Net FO Patch Cord SC/PC-SC/PC, MM 50/125, Duplex, 3.0mm, orange, 3m	DN-FC5033
D-Net FO Patch Cord LC/PC-LC/PC, MM 50/125, Duplex, 3.0mm, orange, 3m	DN-FC5053

Description

D-Net high performance fiber optic pigtails, including the single mode and multimode types, are manufactured with premium grade connectors with typical 0.9mm outer diameter cables and are offered in the Simplex form. The pigtails are the most important part of any fiber link as they are used to connect the cable to the active equipment within the patch panel. The fusion splice on the pigtail is the most economical way to provide a premium quality fiber optic connection. The fiber optic pigtail connectors are compliant with IEC and TIA/EIA specifications. It has one-piece construction and pull-proof design. Low cost but high performance, which makes it one of the most popular cables. D-Net Pigtails are supplied in the single mode 9/125, multimode 50/125, multimode 10Gb 50/125 types. They come with PC, UPC, and APC connectors respectively.



SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30°C to 75°C
• Storage Temperature	-40°C to 85°C
• Insertion loss (dB)	SM ≤0.2
• Insertion loss (dB)	MM ≤0.3
• Return loss (dB)	SM (PC) ≥50C.2
• Return loss (dB)	SM (APC) ≥60
• Exchangeability (dB)	≤0.2
• Repeatability (dB)	≤0.2
• Durability (dB)	≤ 0.2 typical change, 1,000 mating

Fiber Optic Pigtail Features:

- Compliance with Telcordia, ANSI, IEC, TIA/EIA specifications
- Low insertion loss & back reflection
- One-piece construction & pull-proof design
- Free-floating ceramic ferrule
- Corrosion-resistant body
- UL-rated plastic housing and boots in a variety of colors

ORDER CODES

D-Net FO Pigtail SC/PC, SM 9/125, 0.9mm jacket, 1m	DN-PF931
D-Net FO Pigtail SC/PC, MM 50/125, 0.9mm jacket, 1m	DN-PF531
D-Net FO Pigtail LC/PC, SM 9/125, 0.9mm jacket, 1m	DN-PF901
D-Net FO Pigtail LC/PC, MM 50/125, 0.9mm jacket, 1m	DN-PF501





Description

D-Net Rack Mount Fiber Enclosures are designed to provide optimal protection for any fiber optic applications. The enclosures are suited for 19" wide racks and come in a powder-coated steel design with an integrated latching system. Each enclosure includes cable routing spools and splice trays. Included with the enclosures are zip ties, cable routing clamps, mounting screws, fiber splice sleeves and installation instructions, and are offered in SC and LC 12, 24, 48 & 96 links varieties.

Fiber optic patch panel features:

- fully loaded with single mode or multimode Couplers
- fully loaded with single mode or multimode pigtail in SC, LC, or APC varieties
- Insertion loss: typically <0.10 dB (LC); 0.20 dB (SC)
- Return loss: >20dB
- TIA/EIA-568-B.3 compliant
- Used primarily for high-speed data communications such as Gigabit, or 10 Gbps Ethernet
- Power-coated steel
- Oven-baked finish
- Material: Steel housing with epoxy powder coating, black color or any customized color
- Slide Type, Easily pull out without dismantlement from Rack
- Splice Tray up to 24 splicing per tray
- Rear section accommodates cable entry and holder
- Adapter panel for ease of installation, inspection and testing

Available in different sizes:

- 12 or 24 port(1U)
- 36 or 48 ports (2U)
- 60 to 72 ports(3U)
- 96 ports(4U)

Key Features

- 19-inch rack, cabinets mountable
- Patch Panels are available in different types of adapters SC, LC, ST, FC
- Patch Panels have variety of OM2, OM3 and OS1
- Patch Panels are available in Duplex and Simplex
- Patch Panels can be unloaded or fully loaded with adapters, pigtails and cassettes
- Application: Telecommunications subscribers loop, Fiber to The Home, LAN/WAN, CATV

SPECIFICATIONS

- Operating Temperature
- Storage Temperature

PERFORMANCE

- 30°C to 75°C
- 40°C to 85°C

ORDER CODES

D-Net FO Patch Panel [Black] 12SC Duplex 9/125 with Pigtail	DN-FT932B
D-Net FO Patch Panel [Black] 24SC Simplex 9/125 with Pigtail	DN-FT931B
D-Net FO Patch Panel [Black] 12LC Duplex 9/125 with Pigtail	DN-FT902B
D-Net FO Patch Panel [Black] 24LC Duplex 9/125 with Pigtail	DN-FT904B
D-Net FO Patch Panel [Black] 12SC Duplex 50/125 with Pigtail	DN-FT532B
D-Net FO Patch Panel [Black] 12LC Duplex 50/125 with Pigtail	DN-FT502B
D-Net FO Patch Panel [Black] Unloaded 12SC Duplex slide out	DN-FT5005

19" cabinet optic fiber distribution box

Product Description:

- It can be mounted on 19" cabinet, optic splicing tray in it,
- Drawer design, made of of armor plate of high quality.

Order Information:

Part Number	Description
DN-U1	24 Port SC Adaptors Optic Fiber Distribution Box
DN-U2	12 Port SC Duplex Adaptors Optic Fiber Distribution Box
DN-U3	24 Port ST Adaptors Optic Fiber Distribution Box



19" cabinet optic fiber distribution box

Product Description:

- It can be mounted on 19" cabinet, optic splicing tray in it,
- Drawer design, made of of armor plate of high quality.

Order Information:

Part Number	Description
DN-M1	24 Port SC Adaptors Optic Fiber Distribution Box



19" cabinet optic fiber distribution box

Product Description:

- It can be mounted on 19" cabinet, optic splicing tray in it,
- Drawer design, made of of armor plate of high quality.

Order Information:

Part Number	Description
DN-M2	24 Port SC Adaptors Optic Fiber Distribution Box



Adapter

FC/PC Split-body



FC/APC One-piece



FC/PC Big D



FC/PC Small D



ST/PC



ST/PC SM



SC/APC Split-body



SC/PC MM



SC/PC Duplex SM



SC/APC Duplex SM



SC/PC Duplex MM



LC/APC Duplex SM



LC/PC Duplex SM



LC/PC Duplex MM



FC-SC/PC



FC-SC/PC with ferrule



Parameter

Insertion loss :	≤0.2dB
Repeatability:	≤0.1dB
Insertion times:	>1000
Working temperature:	-25°C~70°C
Store temperature:	-40°C~85°C

FIBER OPTIC CONNECTORS

Description

D-Net Optical fiber connectors are used to join optical fibers where a connect/disconnect capability is required. Typical application for Optical fiber connectors are telephone company central offices, installations on customer premises, and outside plant applications. Connectors are used to connect equipment and cables, or to cross-connect cables within a system. The basic connector unit is a connector assembly. A connector assembly consists of an adapter and two connector plugs and comes in LC, SC, SC/APC varieties, supports both Single Mode and Multimode applications up to 10 Gbps, and supports up to 1,000 mating cycles. D-Net Optical Fiber Connectors offer:

- Low insertion loss
- High return loss (low amounts of reflection at the interface)
- Ease of installation
- Low cost
- Reliability
- Low environmental sensitivity
- Ease of use



Fiber Optical Key Features

- Connectors are available in different type of connectors SC, LC, ST, FC, MTRJ,.
- Connectors have variety of OM2, OM3, OS1
- Extended Warranty

ORDER CODES

D-Net FO Connector SC/PC SM	DN-FN931
D-Net FO Connector SC/PC MM	DN-FN531
D-Net FO Connector LC/PC SM	DN-FN901
D-Net FO Connector LC/PC MM	DN-FN501

SPECIFICATIONS	PERFORMANCE
• Operating Temperature	-30°C to 75°C
• Storage Temperature	-40°C to 85°C
• Ferrule hole sizes (SM)	125.5+/- 0.5 (um)
• Ferrule hole sizes (MM)	127.0+/- 1.0 (um)
• Insertion loss (dB)	SM <=0.2
• Insertion loss (dB)	MM <=0.3
• Return loss (dB)	SM (PC) >=50C.2
• Return loss (dB)	SM (APC) >=60
• Exchangeability (dB)	<=0.2
• Repeatability (dB)	<=0.2
• Durability (dB)	<= 0.2 typical change, 1,000 mating

SC FIBER CONVERTERS

Description

D-Net adaptive Ethernet optical transceiver can inter convert the electric signal of can inter convert electric signal of 100Base-TX twisted pair and optical signal of 100Base-TX. It extends the network transmission range from 100m to 100km (single mode optical fiber). Its typical application is Ethernet long range interconnection, such as the interconnection between the equipment room of community with MAN. No configuration of the switch is needed during connection due to the adaptive function. The newly added lightning protection function guarantees the safety of the equipment.

Application

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX and 100Base-FX standards
- Fiber connectivity up to 2km for multimode fiber, 20km for single-mode fiber
- One auto-MDIX RJ-45 connector interface
- Full-Duplex, Half-Duplex, or Auto-Negotiation
- Supports packet length up to 1600 bytes
- 8 diagnostic LEDs (100Mbps, fiber full duplex, UTP full duplex, fiber link, UTP link, fiber signal detect, fiber far-end-fault detect and power)
- Provides fault propagation function for easy cable fault detection



Order Codes

Part number	Description	Standard Color	Inner box	Carton	Carton measurement
FTS02-20-1	Single more fiber converter ,RJ45-SC, 20 KM, outder power supply	Silver	1PC	12PCS	L 53.5cm×W 31.3cm×H 23.4cm
FTS02-20-2	Single more fiber converter ,RJ45-SC,20 KM, inner power supply	Silver	1PC	12PCS	L 53.5cm×W 31.3cm×H 23.4cm
FTM02-1	Multi more fiber converter ,RJ45-SC,2 KM, outder power supply	Silver	1PC	10PCS	L 53.5cm×W 31.3cm×H 23.4cm
FTM02-2	Multi more fiber converter ,RJ45-SC,2 KM, inner power supply	Silver	1PC	10PCS	L 53.5cm×W 31.3cm×H 23.4cm

NETWORK & SERVER CABINETS



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WALL MOUNT CABINET



PRODUCT FEATURES

Wall Mounted Cabinets Rigid Frame Structure With Load Rating of 60Kg, Cable Entry from Top and Bottom, Front Section with Glass Door Keys and Locks, Quickly Removable Side Panels, Provision for Optional Lock, Construction from 1mm Steel and Frames 2mm Steel, Fan Option With Effective Ventilation, 2 Pairs of 19" Movable Vertical Extrusion.

- Variety of Heights: 600mm Wide Body
- Vented Top and Bottom: With Tempered Glass Locking Doors
- The Doors can be Quickly Removed on Site for Easy Cabinet Installation, and can be Re-hinged from Either side (No Tools are Required).
- Mounting Panel on the Rear, Easily Installing
- Inside Lock: Quickly Removable Side Door
- Installation can be Optional for Standing or Wall
- Mounting: Feet and Castors can be Provided for Standing
- Installation: Adjustable Mounting Rails Front and Back



• Rails With U Mark



• Earthing Screw



• Quickly Rrmovable Side Door



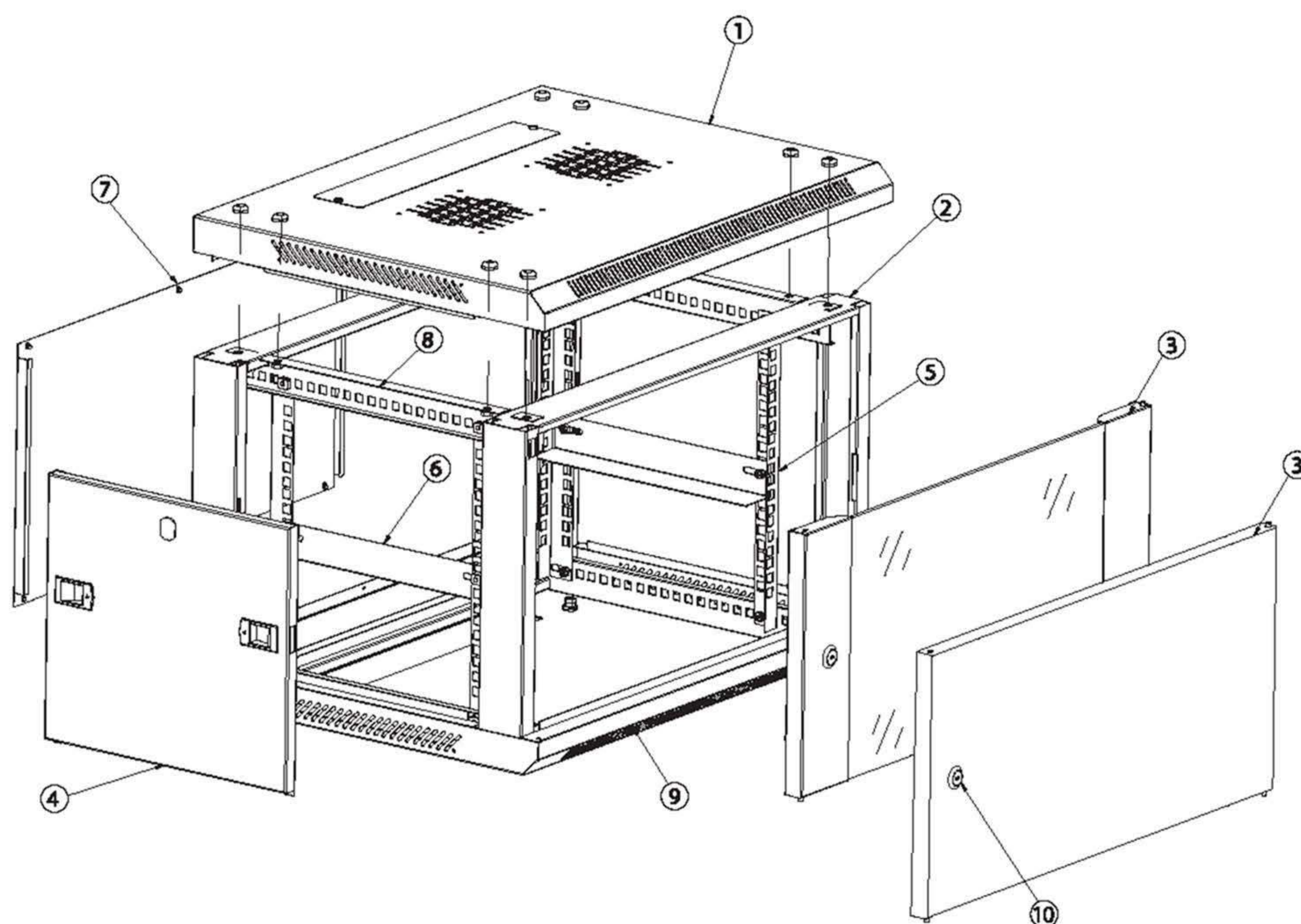
• Front Lock

ORDER INFORMATION

Model Number	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)	Packing Dimension (W*D*H*)	Volume(CBM)
GMA6406	6	600	450	370	620*470*250	0.0729

Main Structure

1. Top cover
2. Frame
3. Front Door
4. Side Panel
5. Rail
6. L Fixed Shelf
7. Back Panel
8. Beam
9. Bottom
10. Lock



Main Part

S/N	Specification	Quantity	Unit	Material	Surface Finish	Remarks
1	Top Cover	1	Piece	SPCC Cold rolled steel t1.0	Powder coated	---
2	Frame	2	Piece	SPCC Cold rolled steel t1.0	Powder coated	---
3	Front door ^①	1	Piece	5mm toughened glass door /spcc 1.2	Powder coated	---
4	Side panel	2	Piece	SPCC Cold rolled steel t1.0	Powder coated	---
5	Rail	4	Piece	SPCC Cold rolled steel t1.2	Powder coated	---
6	L Fixed shelf	2	Piece	SPCC Cold rolled steel t1.0	Powder coated	---
7	Back panel	1	Piece	SPCC Cold rolled steel t1.2	Powder coated	---
8	Beam	4	Piece	SPCC Cold rolled steel t1.2	Powder coated	---
9	Bottom	1	Piece	SPCC Cold rolled steel t1.0	---	---
10	Lock ^②	1	Piece	---	---	With 2 Keys
11	Hexagonal spiral	16	Piece	Stainless steel	Deactivation	---
12	Flange nut	16	Piece	Stainless steel	Deactivation	---
13	Cross screw	12	Piece	Stainless steel	Deactivation	---
14	Card buckle	12	Piece	Stainless steel	Deactivation	---

Remark: ① Two types of front door:toughened glass door,plate front door
 ② Toughened glass door and plate front door with small round lock

DOUBLE SECTION WALL MOUNT CABINETS



PRODUCT FEATURES

The Double Section Provides an Easy Access to the Cabinet to the Rear of all Mounted Cabinets. A swing Frame Construction Adds to the Flexibility of operation and Maintenance.

- Variety of Heights: 600mm Wide Body
- Generous cable Access Knockouts in top and bottom of back mount
- With tempered glass doors
- The door can be quickly removed on size for easy cabinet installation, and can be re-hinged from either side (no tools required.)
- Mounting panel on the rear, easily installing: Inside lock
- Quickly removable side door
- Installation can be optional for standing or wall mounting
- Feet and castors can be provided for standing installation
- Adjustable mounting rails front and back: Side lock



• Adjustable Mounting Rails Front and Back



• Quickly Rrmovable Side Door



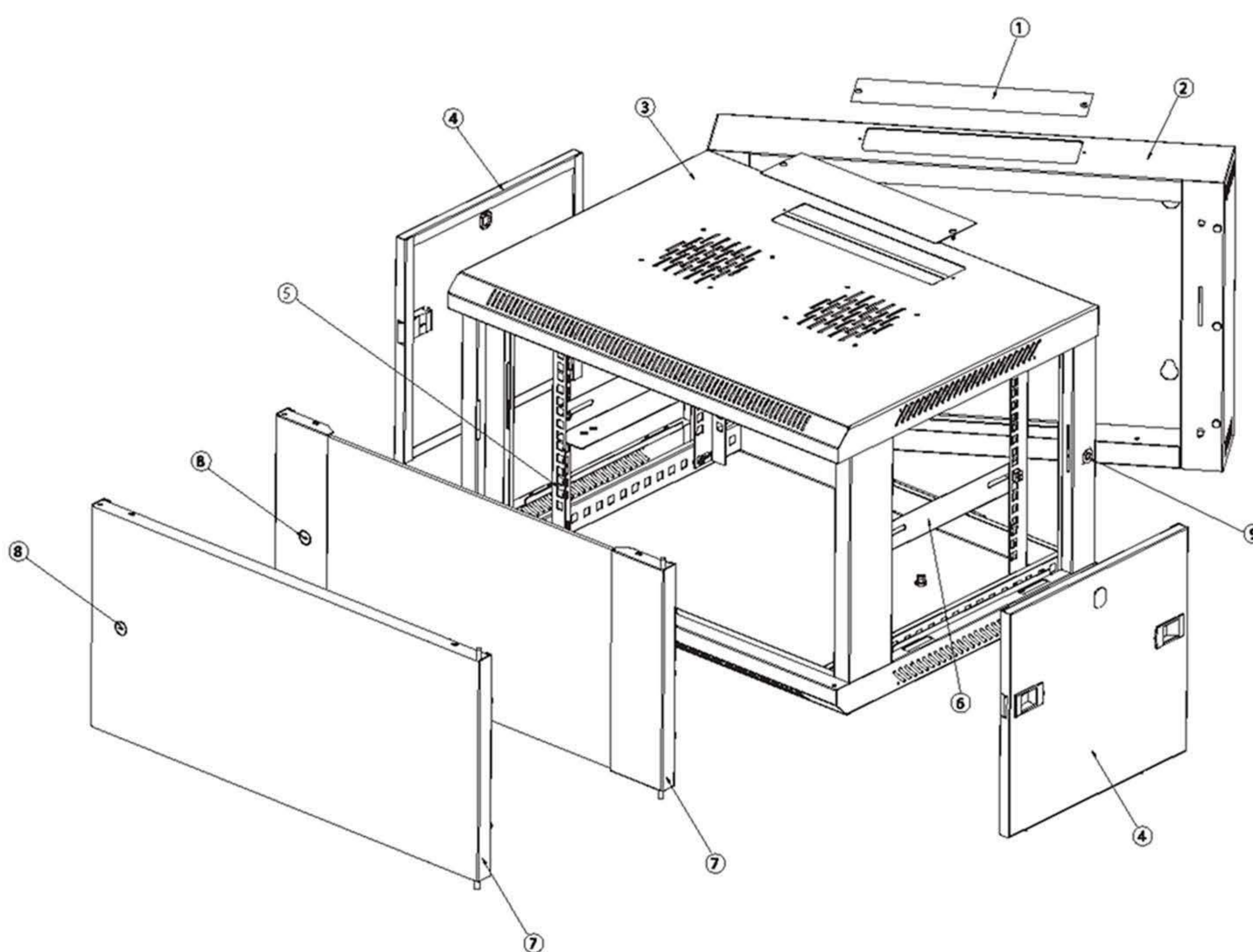
• Earthing Screw



• Front Lock

Main Structure

1. Cable entry cover
2. Back Frame
3. Frame
4. Side Panel
5. Mounting Rail
6. L Fixed Shelf
7. Front door
8. Lock



ORDER INFORMATION

Model Number	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)	Packing Dimension (W*D*H*)	Volume(CBM)
GMA6406	6	600	450	370	620*470*250	0.0729

FLOOR STANDING CABINET



PRODUCT FEATURES

Standing Server Cabinet Is A Cost Effective Cabinet That Can Be Installed In Equipment Rooms Or In Office Environments Where Aesthetics Are Important. The Frame Made From Comes With Steel Side, Top And Rear Door Plus A Toughened Glass Front Door, Two Pairs Of Shelf Rails Are Provided For Mounting Shelves And Other Accessories In The 600mm / 800mm And 960mm Deep Cabinets. 19" Telecommunication And Data Racks Designed For Installing Patch Panels, Active Components For Lan Construction, Modems, Industry Controlling Devices, Stage Lighting Control, Monitor Equipments Etc. Unassembled Rack Is Equipped With 2 Pairs Of 19 " Movable Vertical Extrusions, One Pair Of Side Panels With Quick Release Locking Fastener, Tempered Glass Front Door With Lock, Rear Metal Door With Lock. Increase Operation Reliability For Inside Equipments, Strong Structure With Maximum Static Load Of 500 Kg Up. Several Lockable Cable Entrance On The Top/Bottom Plate.



• Rails With U Mark

• Side Frame With Earthing Line

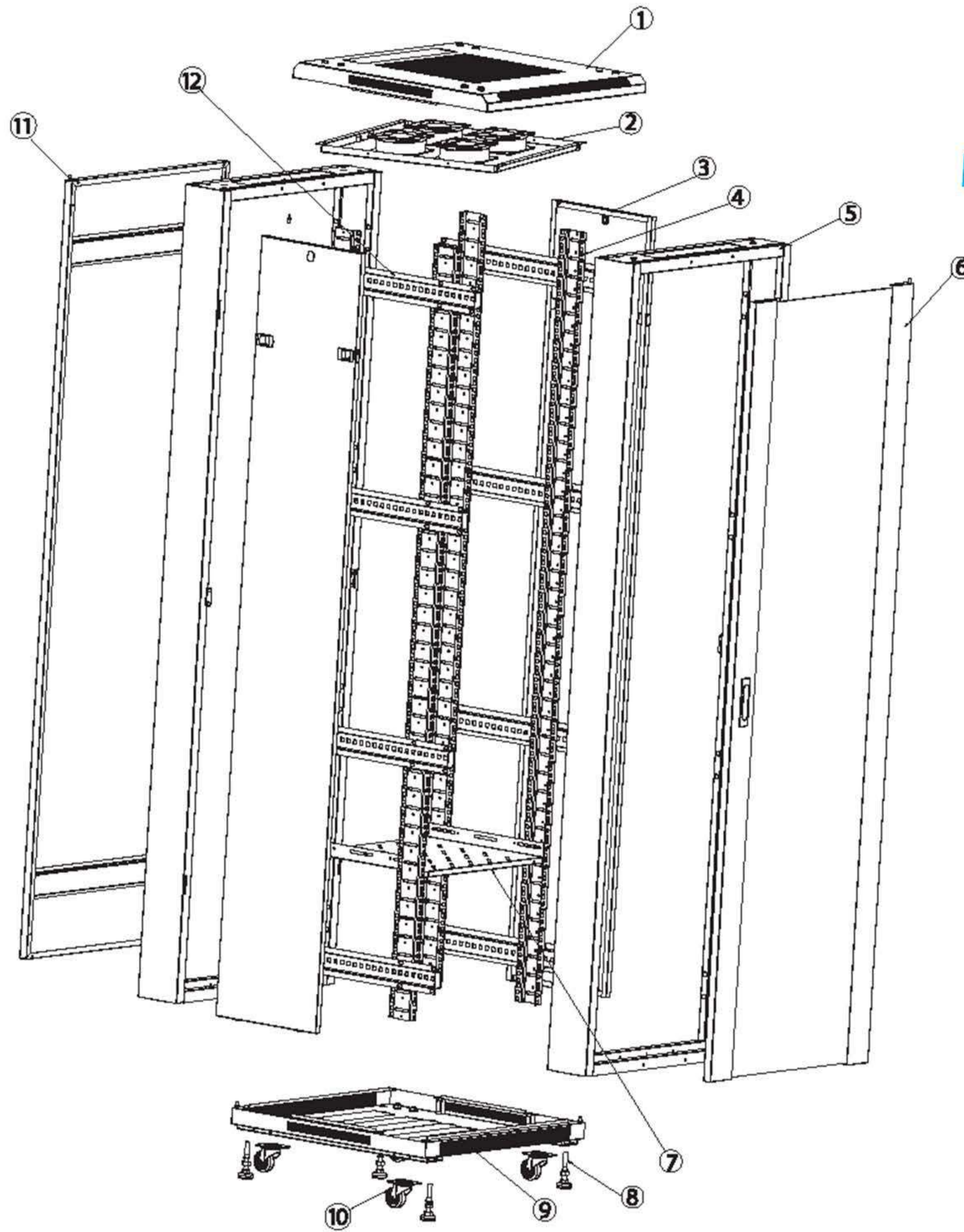
• Cabinets Are Vented To Allow Colling Fan

• Front Lock

ORDER INFORMATION

Model Number	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)	Packing Dimension (W*D*H*)	Volume(CBM)
GMA6406	6	600	450	370	620*470*250	0.0729





Main Structure

1. Top cover
2. Fan tray
3. Side panel
4. Rail
5. Frame
6. Front door
7. Fixed shelf
8. Heavy duty wheel
9. Bottom
10. Castor with break
11. Back door
12. Beam

Main Part

S/N	Specification	Quantity	Unit	Material	Surface finish	Remark
1	Top cover	1	Piece	SPCC cold rolled steel t1.2	Powder coated	----
2	Fan tray	1	Piece	SPCC cold rolled steel t1.0	Powder coated	----
3	Side panel	2	Piece	SPCC cold rolled steel t1.0	Powder coated	Toughened glass door
4	Rail	4	Piece	SPCC cold rolled steel t2.0	Powder coated	----
5	Frame	2	Piece	SPCC cold rolled steel t2.0	Powder coated	----
6	Front door	1	Piece	5mm toughened glass door/SPCC t1.2	Powder coated	Removable plate door
7	Fixed shelf	1	Piece	SPCC cold rolled steel t0.8	Powder coated	----
8	Heavy duty wheel	4	Piece	----	----	----
9	Bottom	1	Piece	SPCC cold rolled steel t1.0	Powder coated	----
10	Castor with break	4	Piece	----	----	----
11	Rear door	1	Piece	SPCC cold rolled steel t1.0	Powder coated	Removable plate door
12	Beam	8	Piece	SPCC cold rolled steel t1.2	Powder coated	----
13	Square screws & nuts	56	Piece	Steel	Plated white Zinc	----
14	Allen wrench	1	Piece	Steel	Black	----
15	M12 adjustable feet	4	Piece	----	----	----



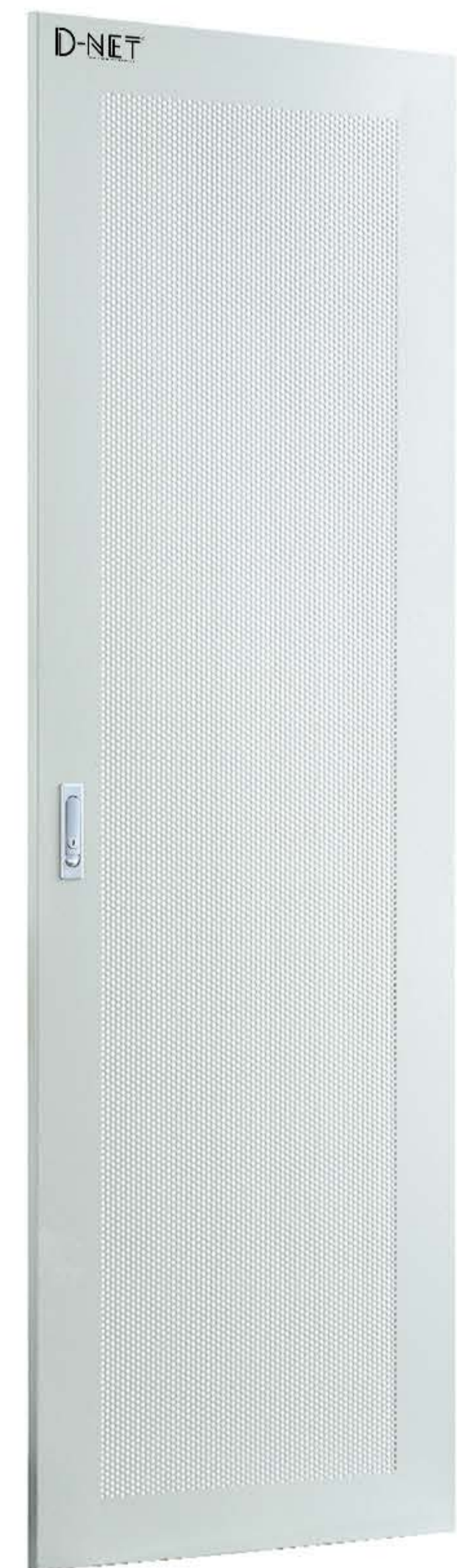
A toughened glass door



B steel door without holes



C toughened glass door & veted door border



D vented plate door



E vented plate door with square holes



F double-sections vented door



G Arc vented door



H strong plate vented door



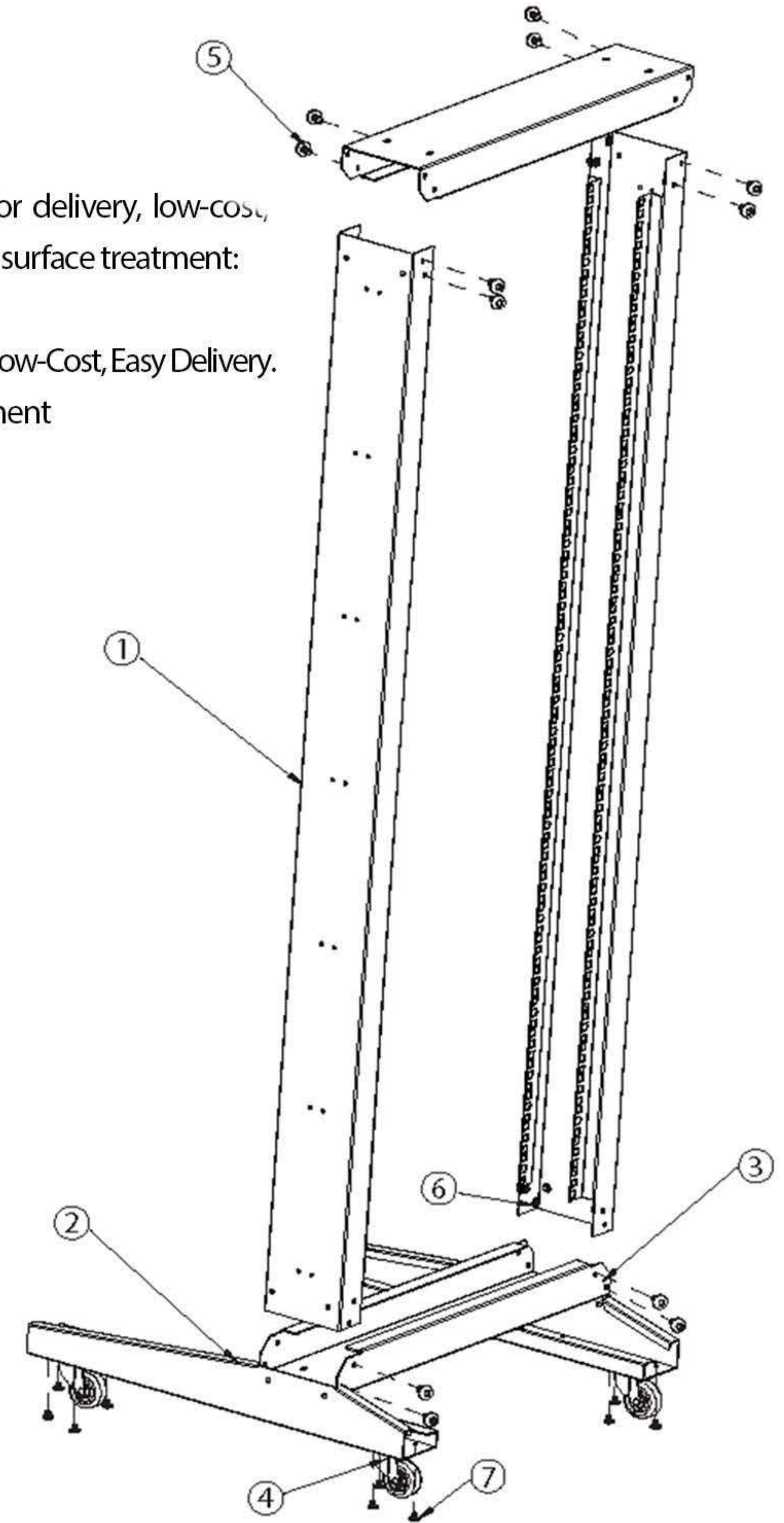
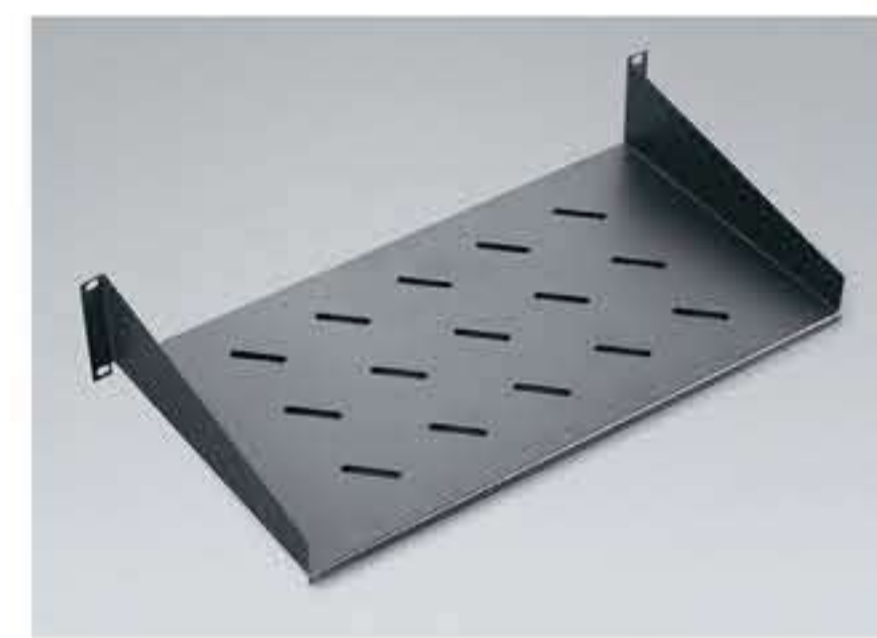
PRODUCT FEATURES

Modular Design, Easily assemble and disassemble for delivery, low-cost, various optional accessories according to requirements surface treatment: Degreasing, Phosphoric, power coat.

- Modular Design, Easily Mounting and Disassemble, Low-Cost, Easy Delivery.
- Many Accessories Optional According to Requirement
- Can be supplied CKD

Main Structure

- | | |
|----------------------|-----------------------|
| 1. Frame | 5. Hexagonal spiral |
| 2. Plinth | 6. Flange nut |
| 3. Horizontal beam | 7. M5 crossess screws |
| 4. Castor with brake | |

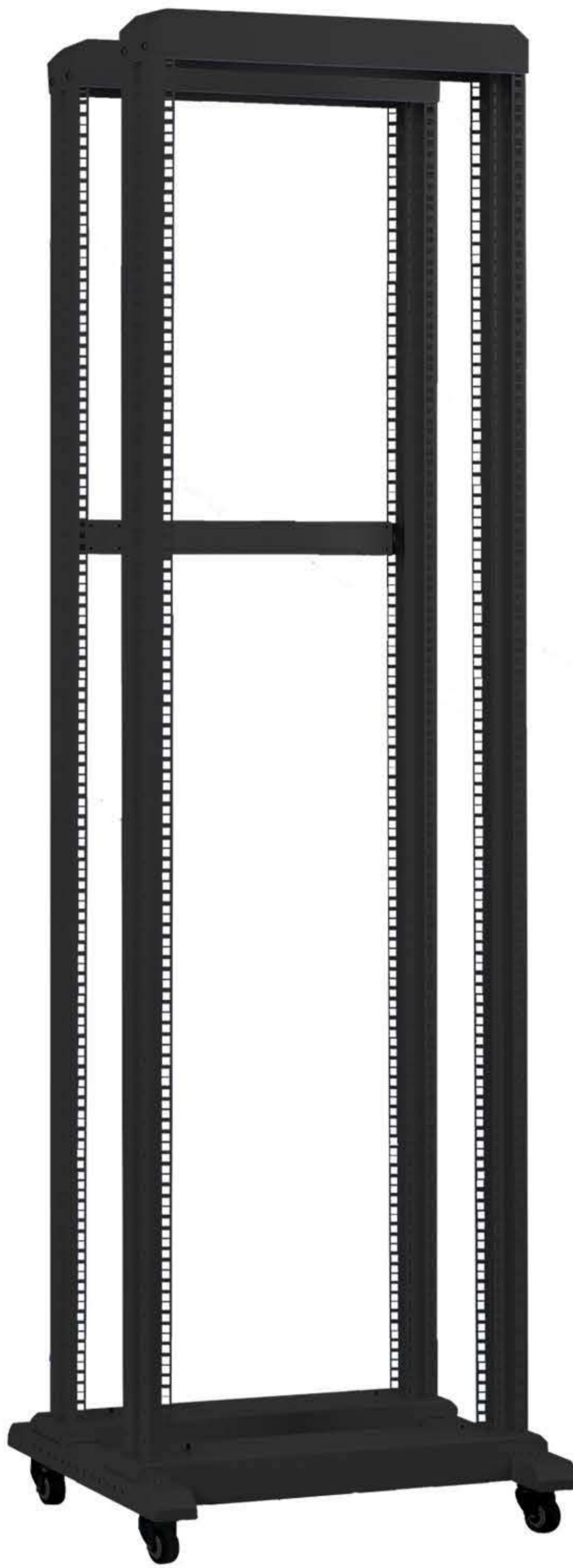


Main Part

S/N	Specification	Quantity	Unit	Material	Surface Finish
1	Pole	2	Piece	SPCC Cold rolled steel t1.5	Powder coated
2	Plinth	2	set	SPCC Cold rolled steel t2.0	Powder coated
3	Horizontal beam	2	Piece	SPCC Cold rolled steel t2.0	Powder coated
4	2" heavy duty castor	4	Piece	---	Powder coated
5	Hexagonal spiral	20	Piece	Stainless steel	Deactivation
6	Flange nut	20	Piece	Stainless steel	Deactivation
7	M5 crosses screws	16	Piece	Stainless steel	Deactivation

Order Information

Model Number	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)	Packing Dimension (W*D*H')	Volume(CBM)
GKA6622	22	600	600	1120	670*150*1150	0.1156
GKA6632	32	600	600	1562	670*150*1595	0.1603



PRODUCT FEATURES

Solid Structure, Modular Design, Easy Mounting. Low-Cost, Easy Disassemble, Delivery And Assemble. Various Optional Accessories According To Requirement. Surface Treatment: Degreasing, Phosphoric, Powder Coat.

- Solid Structure, Modular Design, Easy Mounting
- Low-Cost, Easy Disassemble, Delivery And Assemble
- Many Accessories Optional According To Requirement
- Can Be Supplied CKD

Main Structure

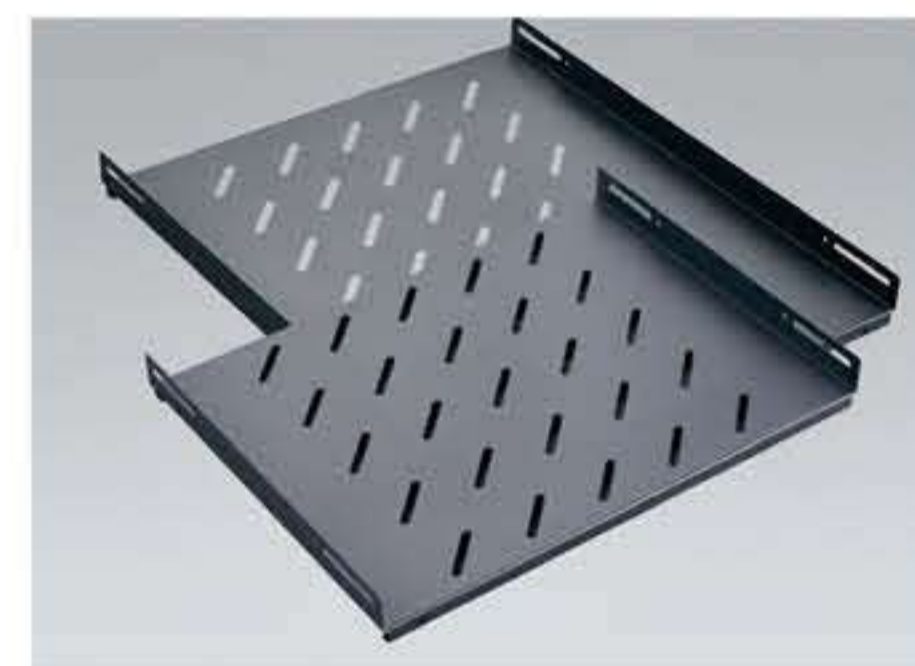
1. Frame
2. Plinth
3. Frame Lid
4. Castor with brake
5. Hexagonal spiral
6. Flange nut
7. M5 Crosses Screw
8. Adjustable feet



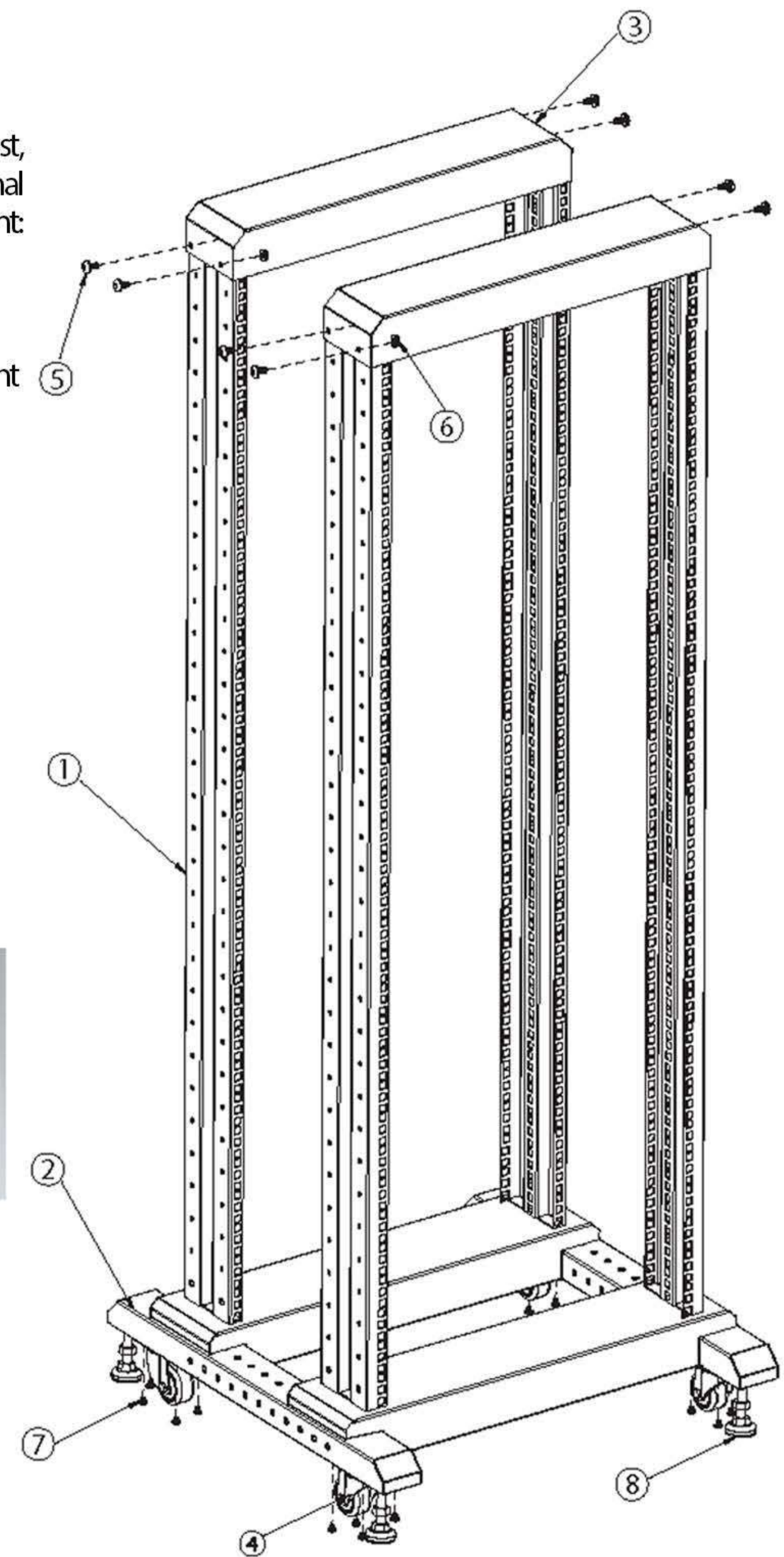
• 6 ways universal PDU



• Castor With Brake



• 1U Fixed Shelf



Main Parts

S/N	Specification	Quantity	Unit	Material	Surface Finish
1	Frame	2	Set	SPCC Cold rolled steel t1.5	Powder coated
2	Plinth	2	Piece	SPCC Cold rolled steel t2.0	Powder coated
3	Top cover	2	Piece	SPCC Cold rolled steel t2.0	Powder coated
4	2" heavy duty castor	4	Piece	---	Powder coated
5	Hexagonal spiral	8	Piece	Stainless steel	Deactivation
6	Flange nut	8	Piece	Stainless steel	Deactivation
7	M5 crosses screws	16	Piece	Stainless steel	Deactivation
8	Adjustable feet	4	Piece	---	---

Order Information

Model Number	Capacity (U)	Width (mm)	Depth (mm)	Height (mm)	Packing Dimension (W*D*H*)	Volume(CBM)
GKA6622	22	600	600	1120	670*150*1150	0.1156
GKA6632	32	600	600	1562	670*150*1595	0.1603

6 - Outlet English-type PDU



6 - Outlet Australia-type PDU



6 - Outlet American-type PDU



6 - Outlet German-type PDU



6 - Outlet All-Usage-type PDU



6 - Outlet French-type PDU





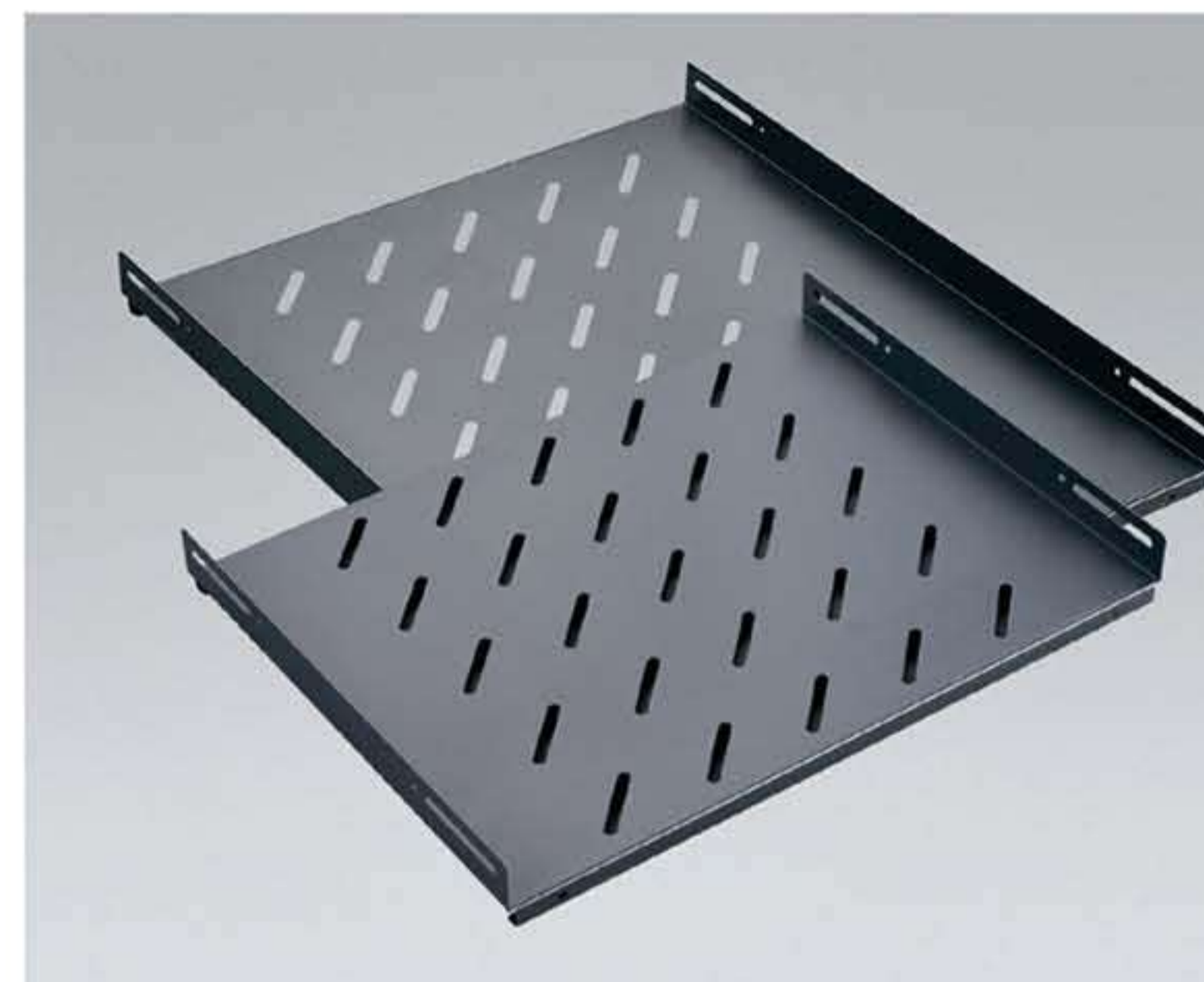
GA-1-600mm
Sliding shelf without vented for depth 600mm cabinet
GA-1-800mm
Sliding shelf without vented for depth 800mm cabinet
GA-1-960mm
Sliding shelf without vented for depth 960mm cabinet



GA-2-600mm
Sliding shelf with vented for depth 600mm cabinet
GA-2-800mm
Sliding shelf with vented for depth 800mm cabinet
GA-2-960mm
Sliding shelf with vented for depth 960mm cabinet



GA-3-600mm
Keyboard for depth 600mm cabinet
GA-3-800mm
Keyboard for depth 800mm cabinet
GA-3-960mm
Keyboard for depth 960mm cabinet



GA-4-600mm
1U Fixed shelf for depth 600mm cabinet
GA-4-800mm
1U Fixed shelf for depth 800mm cabinet
GA-4-960mm
1U Fixed shelf for depth 960mm cabinet



GA-5-250mm
2U Fixed shelf depth 250mm
GA-5-350mm
2U Fixed shelf depth 350mm
GA-5-450mm
2U Fixed shelf depth 450mm



GA-6
Drawer



GA-7-1U
19" 1U Blanking panel
GA-7-1U
19" 2U Blanking panel
GA-7-1U
19" 3U Blanking panel
GA-7-1U
19" 4U Blanking panel



GA-8-66
Bottom for GB 600*600mm cabinet
GA-8-68
Bottom for GB 600*800mm cabinet
GA-8-88
Bottom for GB 800*800mm cabinet
GA-8-89
Bottom for GB 800*960mm cabinet



GA-9
19" 1U Metal cable manager



GA-10
19" 1U Plastic cable manager





GA-11
19" 1U Brush panel



GA-12
Feet for GQ cabinet



GA-13
Adjustable feet



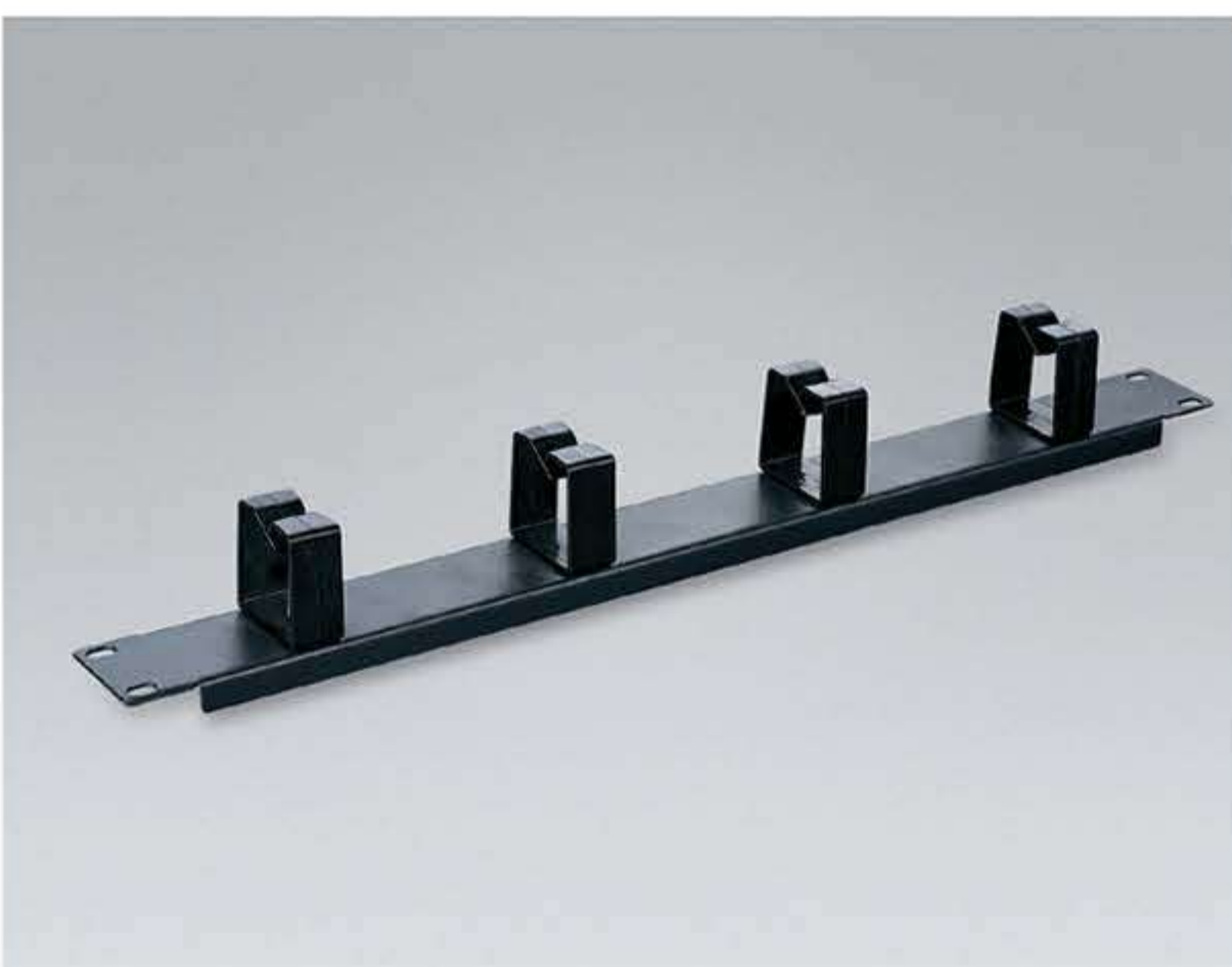
GA-14
Castor with brake



GA-15
Castor without brake



GA-16
Stainless steel square nuts and screws



GA-17
19" 1U Plastic 4 rings cable manager



GA-18
Advanced lock



GA-19
Side lock



GA-20
Lock with the deluxe rotary handle





GA-21
Cabinet connector for GB



GA-22
German type power socket



GA-23
Chinese type power socket



GA-24
French type power socket



GA-25
American type power socket



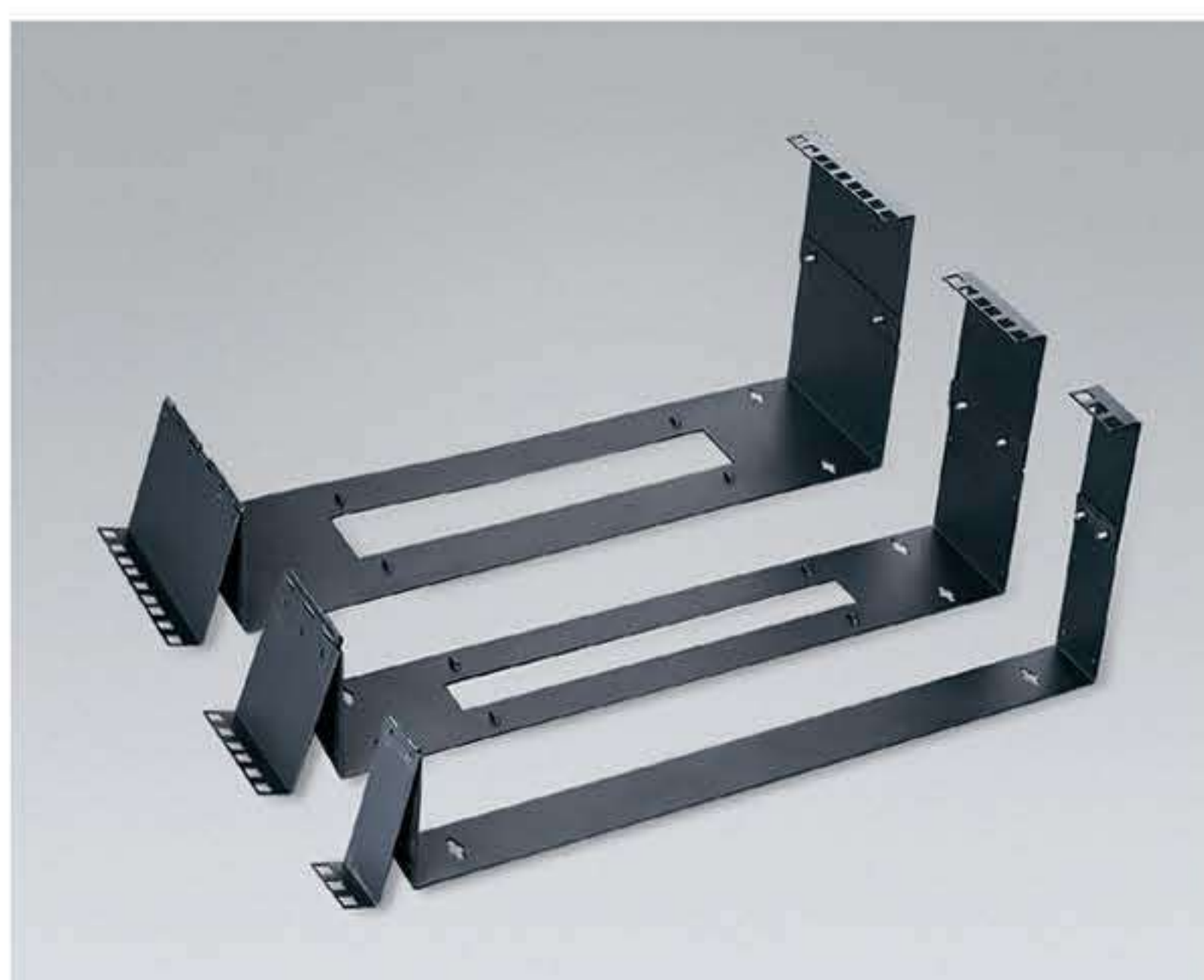
GA-26
Cooling fan



GA-27
19" 1U Cable manager with 6 plastic rings



GA-28-12P
1U Network panel 12port
GA-28-24P
2U Network panel 24port
GA-28-48P
4U Network panel 48port



GA-29-1U
19" 1U Panel bracket
GA-29-2U
19" 2U Panel bracket
GA-29-4U
19" 4U Panel bracket



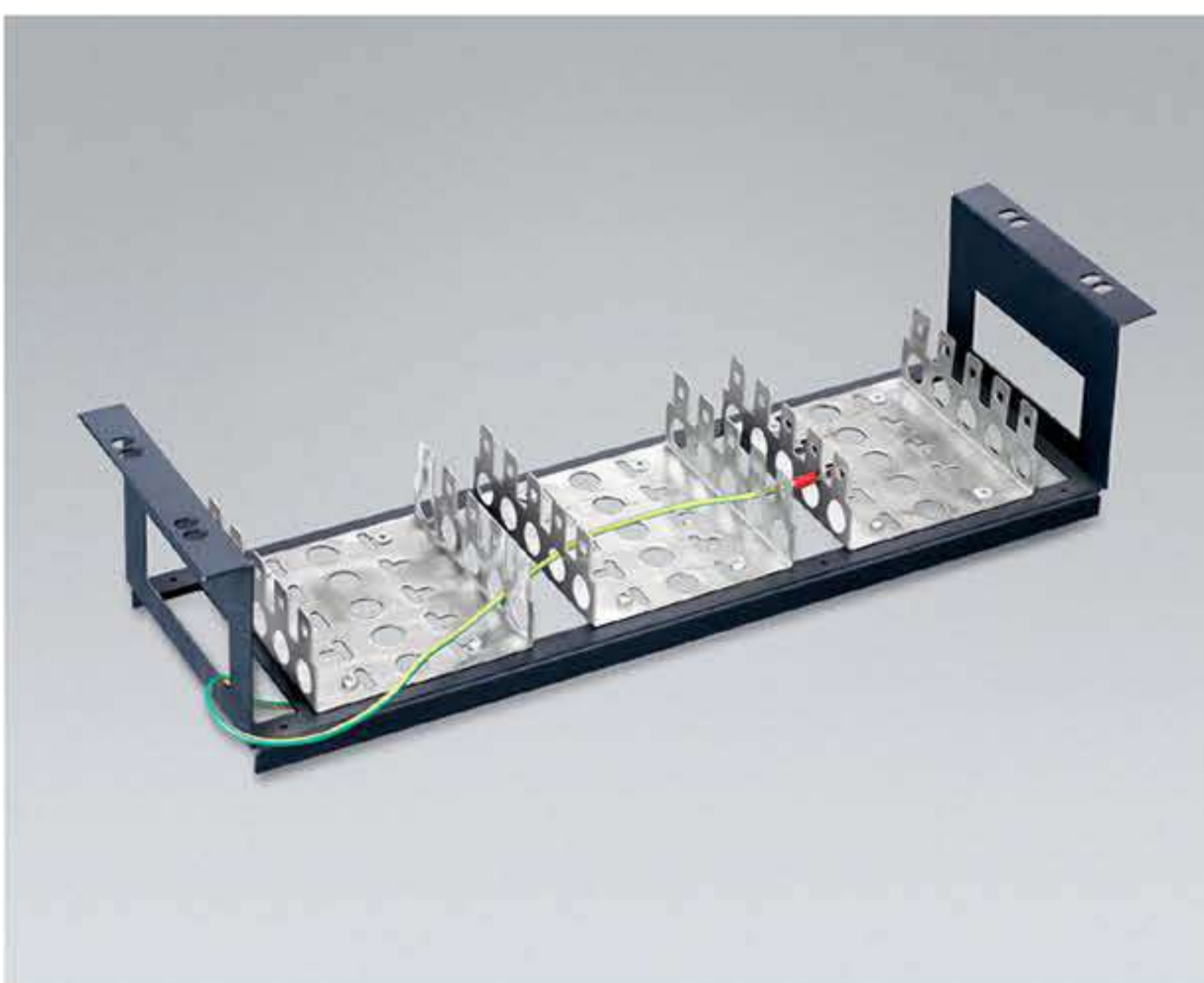
GA-30
Thermostat with base



GA-31
19" 1U Light panel



GA-32
1U flame-retarded plastic blanking panel



GA-33-1U
19" 1U Panel for the placement of 6 modules
GA-33-3U
19" 3U Panel for the placement of 15 modules



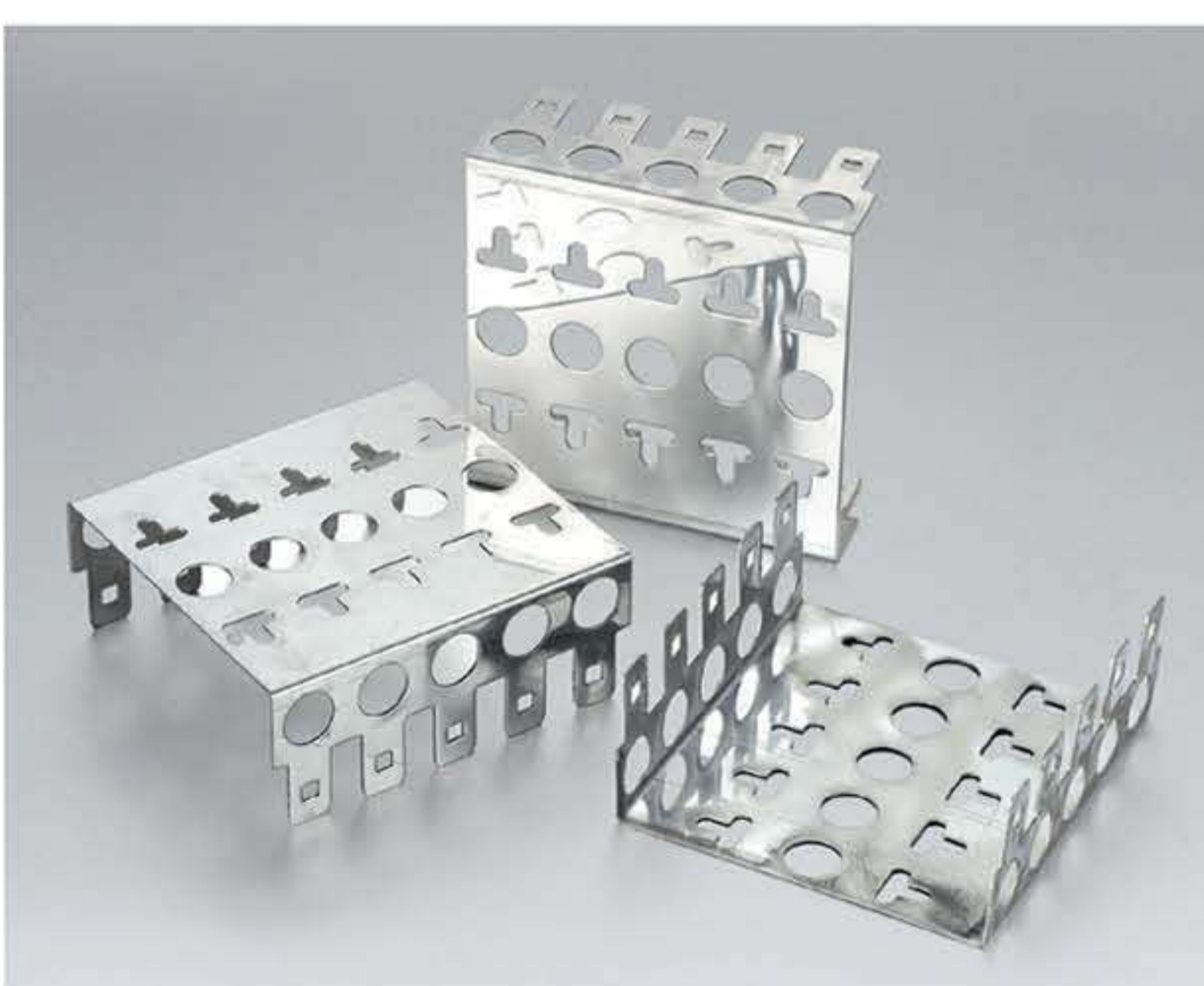
GA-34
19" Brush panel without back



GA-35
Revolving metal lock for double door



GA-36-600
Heavy duty sliding shelf
GA-36-800
Heavy duty sliding shelf
GA-36-960
Heavy duty sliding shelf



GA-37
Back mount frame for 10 Pairs Module



GA-38
Small round lock



GA-39
Advance moon-shaped lock



GA-40-1U
1U horizontal wall mount bracket
GA-40-2U
2U horizontal wall mount bracket
GA-40-3U
3U horizontal wall mount bracket



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TOOLS, CABLE TESTER AND ACCESSORIES



Network Structured Cabling System



P/N: DNCT0123
Crimping tool RJ11/RJ12



P/N: DNCT0123
Crimping tool RJ45/RJ12

Fiber Optics System



P/N: DNCT0123
110 Compact Tool



P/N: DNCT0123
Punch Down Tool

Network Cabinets / Server Cabinets



P/N: DNCT0123
Strip & Cut Tool



P/N: DNCT0123
Mini Strip & Cut Tool

Tools, Cable Tester and Accessories (Copper & Fiber)

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PACKING

Category	Description	Pairs	Packing
	Cat 3	4P& Under 4P	100m Paper coil 305m Pull box or Reel in box 500m/1000m Wooden drum
	Cat 5		
	Cat 5e		
	Cat 6		
	Cat 6A		
	Cat 7		
	Cat 3	4-100P	Normal packing length:305m,500m, 1000m Wooden drum
	Cat 5	4-50P	
	Bundled cable PCM data cable		Normal packing length:305m,500m, 1000m Wooden drum
	Telephone cable	1-112P	Under 250m Roll or Paper coil 305m/500m Pull box 500m/1000m Wooden drum
	Security cable		

PACKING

Category	Description	Pairs	Packing
	Pallet		Out packing for boxes and drums
	Telecom cables	5-2400P	Metal Drum or Wooden drum
	HDMI Patch cord		Paper-pack, blister-pack, wooden-pack
	Miniature cable		Paper or Plastic Coil



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