

CAT 5E U/UTP CABLE



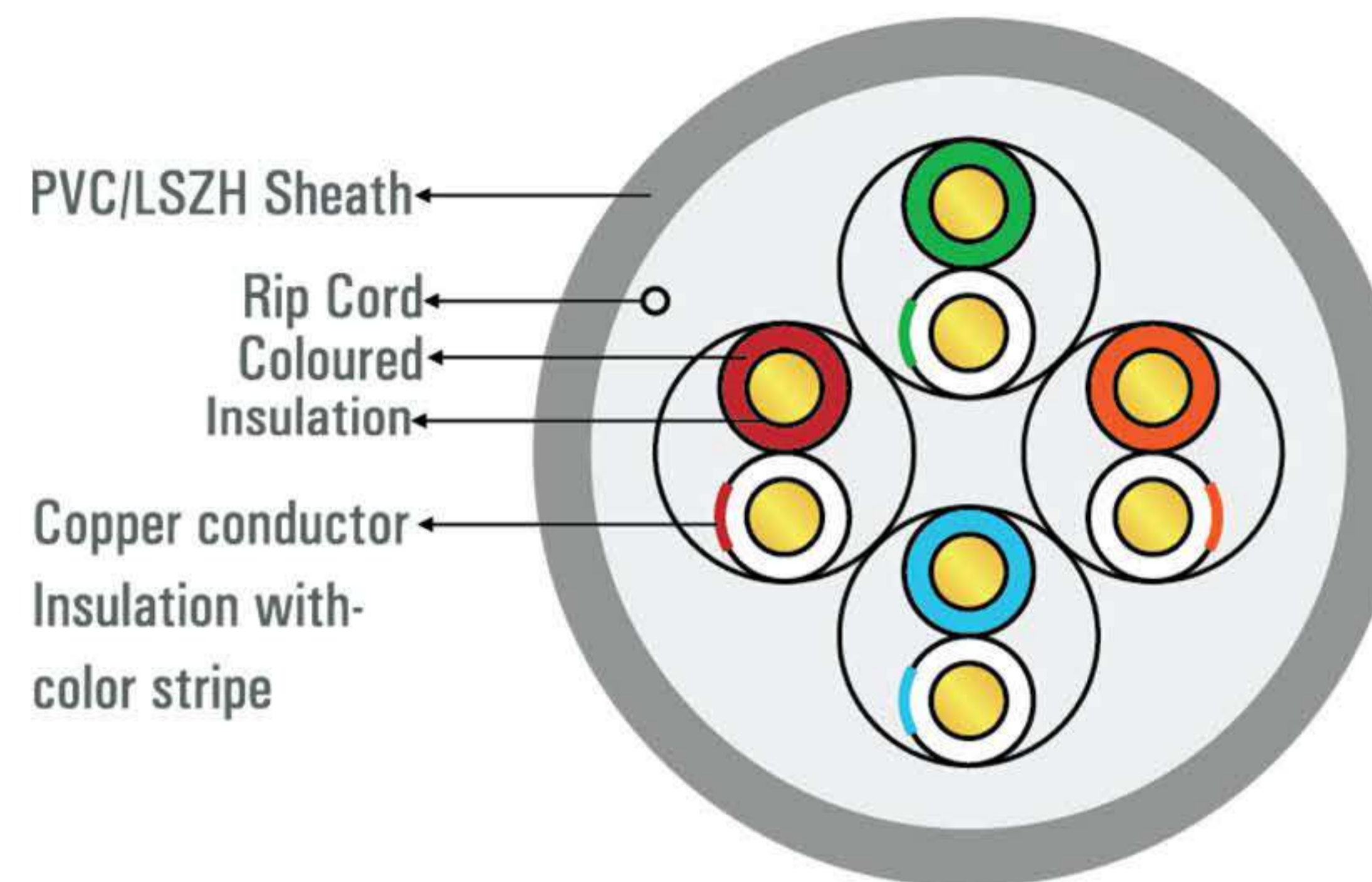
CAT5E U/UTP 24AWG Solid:305M

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: $100 \pm 15\Omega$ Condutor Resistane: $\leq 9.38\Omega/100m$ 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