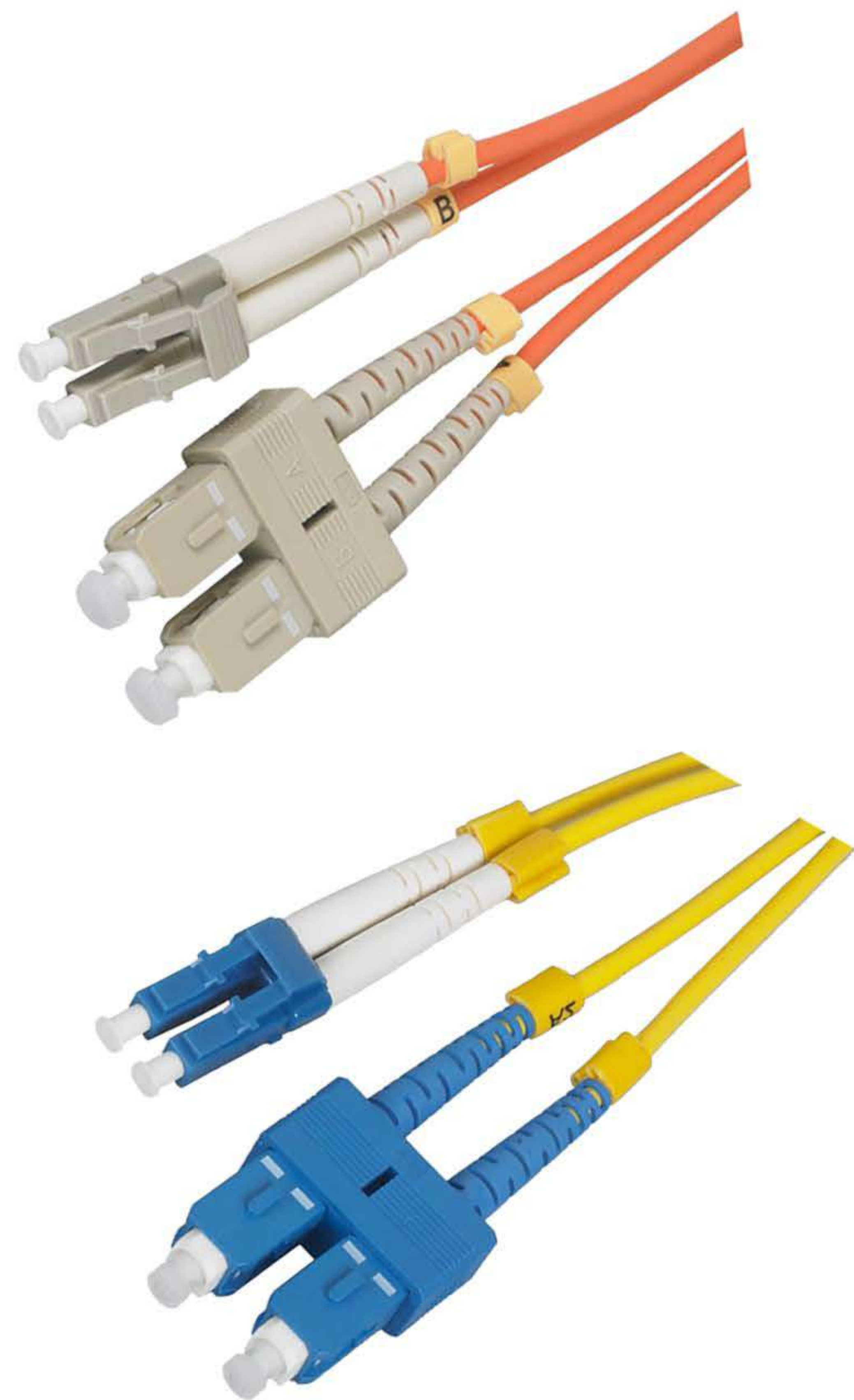## Optical Patch Cord Assemblies

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	-30ºC to 75ºC
• Storage Temperature	-40ºC to 85ºC
• 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