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OM4 patch cord

Description

Honelinks OM4 Patch Cord delivers low-loss, high-speed optical connectivity for data centers, telecom, and enterprise networks. Available in simplex, duplex, and multi-fiber options up to 48 cores, with durable LSZH jackets and precise performance for reliable optical transmission.



Applications

- Data centers
- High-speed LANs
- Enterprise networks
- 40G/100G Ethernet systems
- Telecom backbones
- Server-to-server connections



Connector Table

Connector Type	Insertion Loss (dB)	Return Loss (dB)	Durability (Mating Cycles)
SC	≤ 0.3 (UPC), ≤ 0.3 (APC)	UPC ≥ 50 , APC ≥ 60	≥ 1000
LC	≤ 0.3 (UPC), ≤ 0.3 (APC)	UPC ≥ 50 , APC ≥ 60	≥ 1000
FC	≤ 0.3 (UPC), ≤ 0.3 (APC)	UPC ≥ 50 , APC ≥ 60	≥ 1000
ST	≤ 0.5 (UPC)	UPC ≥ 50	≥ 1000



Product Specifications

Feature	Simplex	Duplex	4F	8F	12F	24F
Cable OD (Typical)	3.0 mm	3.0 mm	6.5 mm	7.5 mm	9.5 mm	12 mm
Jacket Material	LSZH					
Connector	LC-LC Duplex, LC,SC,FC,ST, MPO/MTP optional, Key-up/Key-down					
Polarity	Type A / Type B / Type C					
Insertion Loss (Standard)	≤ 0.60 dB					
Insertion Loss (Elite)	≤ 0.35 dB					
Return Loss	≥ 20 dB (PC)					
Fiber Attenuation (Typical)	850 nm ≤ 3.0 dB/km					
Common Data Rate & Max Distance	10G Ethernet: 550 m 40G Ethernet: 150 m 100G Ethernet: 100 m					
Jacket Color (Typical)	Aqua / Violet					