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OM1 OM2 patch cord

Description

Honelinks OM1/OM2 fiber optic patch cord, multimode 62.5/125 μm & 50/125 μm , available in simplex, duplex, or multi-fiber configurations. LC/SC/MPO connectors, low insertion loss, reliable high-speed transmission. Ideal for LANs, data centers, enterprise networks, and short-distance optical links, ensuring stable performance in structured cabling and networking applications



Applications

- LANs (Local Area Networks):
- Data Centers
- Enterprise Networks
- Premises Cabling
- Short-Distance Fiber Links

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	4 Fibers	8 Fibers	12 Fibers	24 Fibers	48 Fibers
Fiber Type	OM1 62.5/125 μ m & OM2 50/125 μ m Multimode						
Connector	LC/SC/MPO, PC Polish						
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)	OM1: 850 nm ≤ 3.5 dB/km, 1300 nm ≤ 1.5 dB/km OM2: 850 nm ≤ 3.0 dB/km, 1300 nm ≤ 1.0 dB/km						
Jacket Material	LSZH / TPU						
Cable OD	2.0 / 3.0 mm	3.0 mm $\times$ 2	6.5 mm	7.5 mm	9.5 mm	14.5 mm	18.5 mm
Operating Temperature	$-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$						
Storage Temperature	$-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$						
Durability	≥ 500 mating cycles						
Lengths	1m / 2m / 3m / 5m / 10m / Customized						
Jacket Color	Orange						