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Single mode patch cord

Description

Honelinks Single mode patch cord, OS1/OS2 9/125 μ m, supports G.652D, G.657A1, G.657A2 fibers. Available in simplex, duplex, or multi-fiber configurations, with LC/SC/FC/ST/MPO connectors. High-performance, low insertion loss, yellow jacket, ideal for long-distance transmission, FTTH, data centers, enterprise networks, and telecom applications, ensuring reliable, high-speed optical connectivity.

Applications

- FTTH (Fiber to the Home)
- Telecom Networks
- Data Centers
- Enterprise Networks
- Long-Haul Optical Links
- Test & Measurement



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	G652D/G657A1/G657A2, Single-mode						
Connector	LC/SC/FC/ST/MPO, PC/APC Polish						
Polarity	Type A / Type B						
Insertion Loss (Standard)	≤0.60 dB						
Insertion Loss (Elite)	≤0.35 dB						
Return Loss	≥60 dB (APC) / ≥50 dB (PC)						
Fiber Attenuation (Typical)	1310 nm ≤0.35 dB/km; 1550 nm ≤0.25 dB/km						
Jacket Material	LSZH / TPU						
Cable OD	2.0 / 3.0 mm	3.0 mm × 2	6.5 mm	7.5 mm	9.5 mm	14.5 mm	18.5 mm
Operating Temperature	-20°C ~ +70°C						
Storage Temperature	-40°C ~ +85°C						
Durability	≥500 mating cycles						
Lengths	1m / 2m / 3m / 5m / 10m / Customized						
Jacket Color	Yellow						