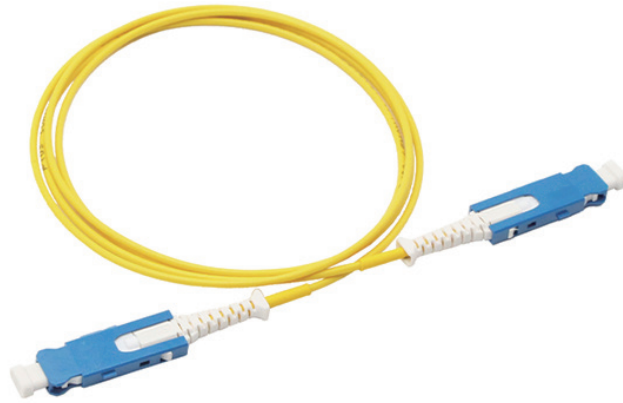


SN Patch Cord



Description

SN fiber optic patch cords are duplex cable assemblies terminated with SN connectors, designed for high-density connectivity in next-generation data centers.

Optimized for 400G and higher-speed optical modules, they enable efficient front-panel space utilization and support high-density fiber interconnect architectures.

Features

- Compact SN duplex connector design for high-density applications
- Optimized for 400G and higher-speed transceiver connectivity
- Improved port utilization and front-panel space efficiency
- Low insertion loss and high return loss
- PC / UPC / APC end face polish options
- 100% factory terminated and tested
- Flexible length and configuration options

Applications

- Data centers and high-speed interconnect systems (200G / 400G / 800G)
- Storage area networks (Fibre Channel)
- Parallel optics and high-density cabling architectures
- Interconnects within optical equipment and modules
- Centralized cross-connect and distribution areas
- Trunk cabling to zone cabinets, switches, and servers

Standard Compliance

- IEC 61754-36
- IEC 61753-1
- Telcordia GR-326-CORE
- RoHS Compliant

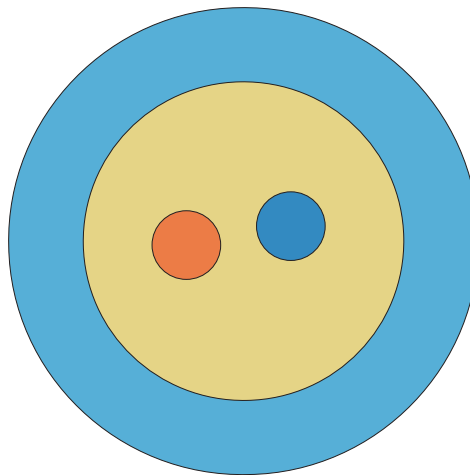
General Specification

Constructions	Descriptions
Fiber Count	2 Fiber
Fiber Mode	Single-mode: G.652/G.657
	Multimode: OM3/OM4
Cable Jacket Material	Low Smoke Zero Halogen (LSZH)
	PVC
Cable Jacket Ratings	Riser (OFNR)
	Plenum (OFNP)
Cable Jacket Color	G.652/G.657: Yellow
	OM3: Aqua
	OM4: Aqua/Magenta
	Customized
Polarity	Type A, Type B (TIA-568.3-D)
Ferrule	Zirconia
Connector Brand	Senko
Connector Color (Housing)	SM (APC): Green
	SM (UPC): Blue
	OM3 (UPC): Aqua
	OM4 (UPC): Aqua or Heather Violet
Connector Color (Boot)	White/Black
Boot Type	50mm Boot/Flex-Angled Boot
Operating Temperature	-10 °C to +60 °C
Storage Temperature	-40 °C to +85 °C

Technical Specification

Optical Properties	Single-mode	Multimode
Insertion Loss (dB)	Low Loss ≤ 0.15 (Typical ≤ 0.08)	Low Loss ≤ 0.15 (Typical ≤ 0.08)
	Standard Loss UPC ≤ 0.20 (Typical ≤ 0.12)	Standard Loss UPC ≤ 0.20 (Typical ≤ 0.12)
	Standard Loss APC ≤ 0.30 (Typical ≤ 0.15)	-
Return Loss (dB)	UPC ≥ 50 ; APC ≥ 65	UPC ≥ 25
Wavelength (nm)	1310/1550	850/1300
Durability	≤ 0.20 dB Typical change, 500 matings	

Cable Structure



2F Structure