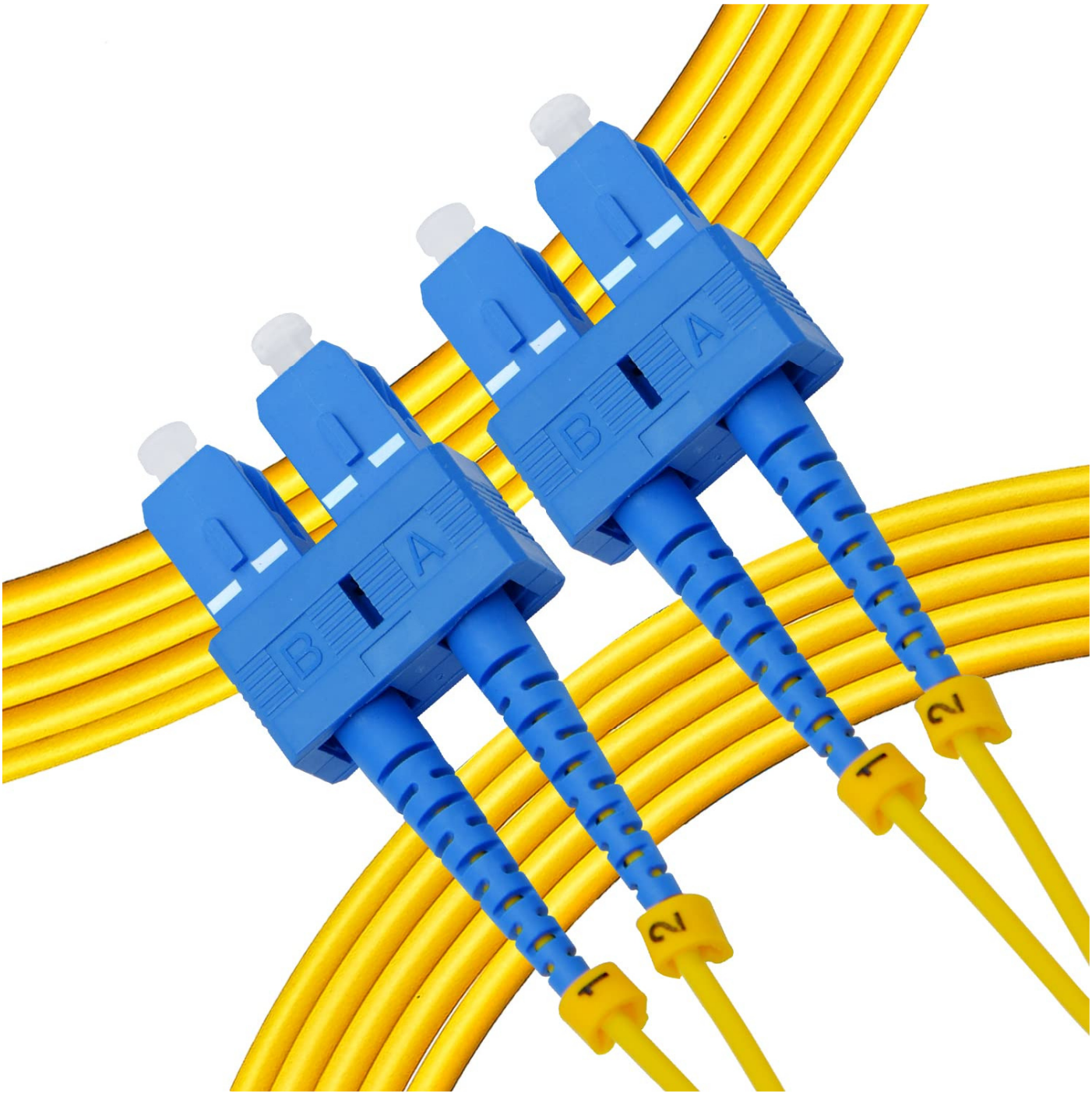
Model : FO.SMDP.SC.9.xxM

Description : OS2 SC to SC SINGLEMODE DUPLEX 9/125µm LSZH Fiber Patchcords (xx = 1M/2M/3M/5M/10M/15M/20M/30M/40M/50M)

Your Trusted Connectivity Solutions!



The SC to SC Single-Mode Duplex Fiber Cable features 9/125 micron fiber for high-speed, high bandwidth data transmissions over Gigabit Ethernet and Fiber Channel networks, with support for duplex single-mode applications.

This SC-SC patch cable is housed in a LSZH (Low-Smoke, Zero-Halogen) flame retardant jacket, to ensure minimal smoke, toxicity and corrosion when exposed to high sources of heat, in the event of a fire – an ideal solution for use in industrial settings, central offices and schools, as well as residential settings where building codes are a consideration.

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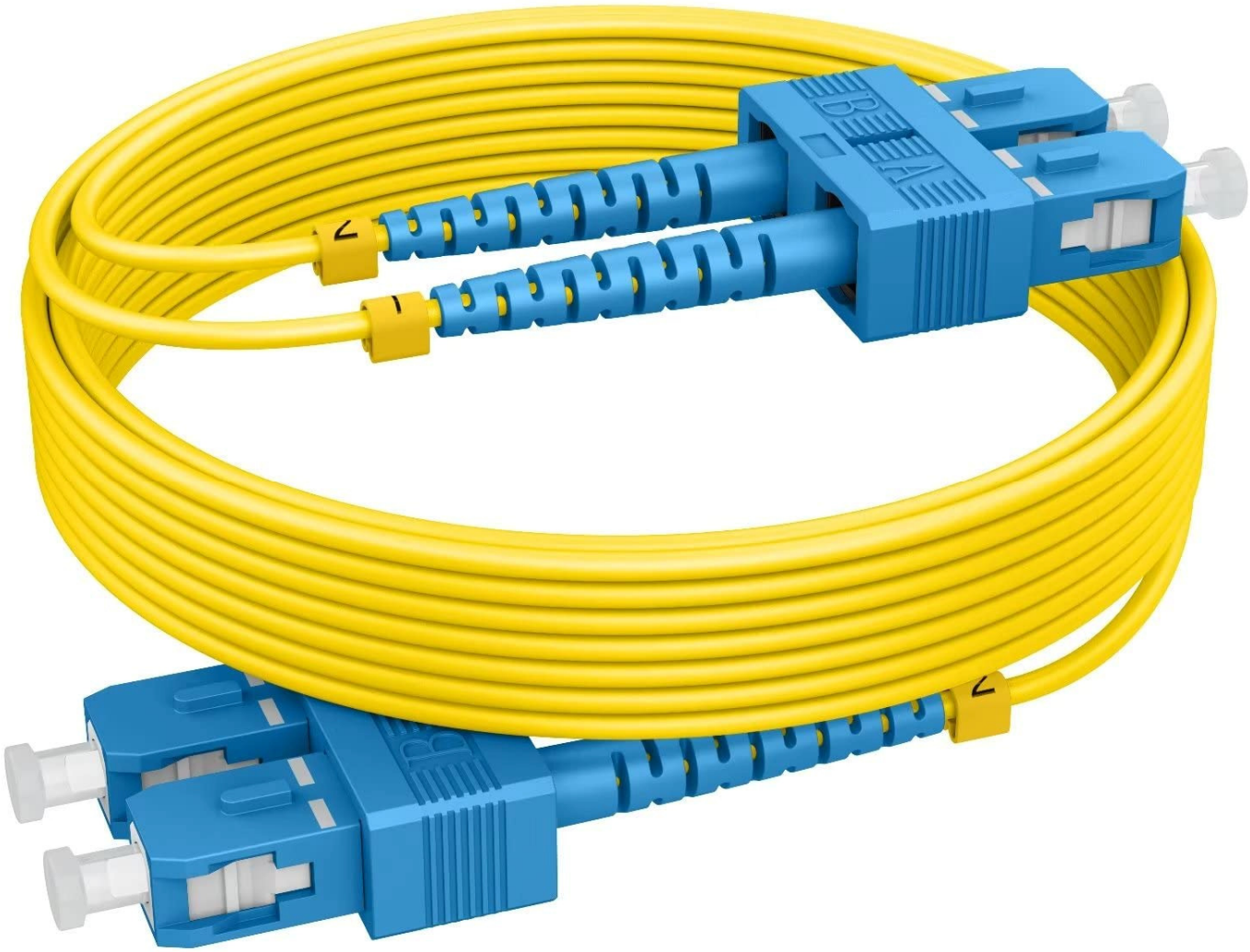
Each Duplex 9/125 µm (OS2) Single-Mode Fiber Patch Cable is individually tested and certified to be within acceptable optical insertion loss limits for guaranteed compatibility and 100% reliability. Their optical fibre patch cords are defining factors in ensuring your network performs to the highest level. They are manufactured using high-quality material and are strictly tested for insertion and return loss to ensure superior performance and quality, which provides an ideal fiber cabling solution with a highly competitive price for users in data communication and telecommunication networks.

This OS2 fiber can achieve transmission rates from 1 to 10 GbE at various transmission distances. Its ideal for connecting 1G/10G/25G/40G/100G/400G Ethernet connections.

It is best suited for long distance application and can transport data for up to 10km at 1310nm, or up to 40km at 1550nm. This cost-effective fibre optic cables provides exceptional transmission performance and low signal losses. Thus offers a solution for short or long distance transmission.



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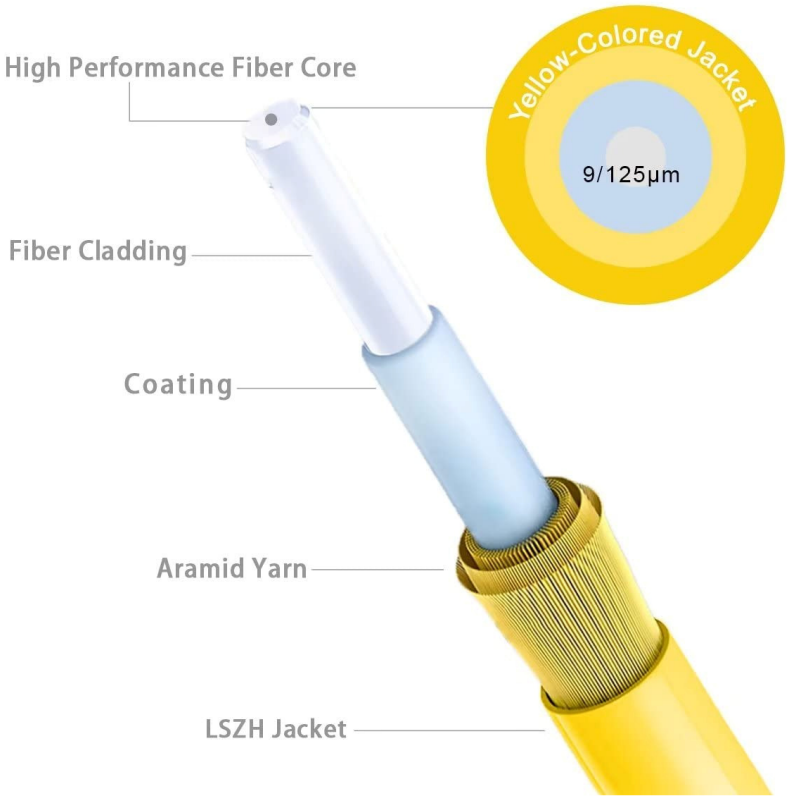
Features:

- Polished ceramic ferrule SC connectors
- LSZH (Low-Smoke, Zero-Halogen) cable jacket
- SC to SC fibre patch lead connection
- Coded strain to indicate signal path
- Low insertion loss
- High back reflection loss
- Stable capability and high reliability
- Excellent mechanical capability
- PVC jacket as default
- Ideal solution for high-speed data transmission
- 100% inspected for optical characteristics before shipment

Specifications:

- Fiber Connector: SC to SC
- Fiber Classification: OS2
- Fiber Mode: Single Mode
- Fiber Count: Duplex
- Polish: UPC to UPC
- Jacket Material: PVC
- Jacket OD: 3.0m
- Core Diameter: 9/125 µm (core to cladding diameter ratio is 9 microns to 125 microns)
- Fire Rating: LSZH Rated (Low Smoke Zero Halogen)
- Sheath Colour: Yellow
- Min. Bend Radius: 10mm
- Insertion Loss: ⩽ 0.14 dB
- Return Loss: ⩾ 51.0
- Wavelength: 1310 / 1550nm
- Attenuation at 1310 nm: 0.36dB/km
- Attenuation at 1550 nm: 0.22dB/km
- Maximum Data Transfer Rate: 100Gbps
- Operating Temperature: - 20 to 70°C (-4 to 158°F)
- Storage Temperature: -40 to 80°C (-40 to 176°F)



Applications:

- Broadband systems
- Telecommunication / Data communication
- Ideal solution for data applications requiring high speed data transmissions
- Optical fiber communications system
- Optical fiber access networks
- Optical fiber CATV
- Optical fiber test equipment
- Optical fiber data communication
- Premises Distribution
- Local Area Networks (LAN)
- Fiber-to-the-Home (FTTX)
- Device Terminations

Package Contents :

1 x OM2 SC to SC SINGLEMODE DUPLEX 9/125µm LSZH Fiber Patchcords