



Your Trusted Connectivity Solutions!

Model: FO.SMSP.SC.9.xM (x=Length:1/2/3/5/10/15/20/30/40/50)

Description: SC/APC to SC/APC Singlemode Fiber Patchcord

SIMPLEX, 9/125 μ m

(Length: 1m/2m/3m/5m/10m/15m/20m/30m/40m/50m)



Features:

The SC connectors on this simplex fiber optic patchcord have a APC "Angled Physical Contact" polish on the fiber optic connector endfaces. An APC connector has an 8° angle cut into the ferrule. These connectors are identifiable by their green color. APC fiber ends have low back reflection even

when disconnected. This polish results in a highly radius domed endface surface that optimizes physical contact between the mated fiber cores. This singlemode fiber optic patchcord is ideal for a wide range of applications where back reflection must be kept to a minimum. Typical loss is less than 0.3dB and back reflection is -55dB and higher. This fiber optic patchcord is guaranteed to meet or exceed industry standards

Fiber Optic Patch Cord Technical Standard:

- Cable Type: SP (Simplex)
- Connector Type: SC (APC)
- Fiber Mode: SM (single mode) G652D, G655, G657, 9/125 μm
- Superior qualified standard polishing
- Cord length: 1M/2M/3M/5M/10M/15M/20M/30M/40M/50M

- 100% optic test: Insertion Loss: ≤ 0.3 (PC); ≤ 0.2 (APC); ≤ 0.2 (UPC)
- 100% optic test: Return Loss: ≥ 45 (PC); ≥ 60 (APC); ≥ 55 (UPC)
- Meets ISO9001, ROHS and Bell core GR 326-core standards;
- High Temperature: (+85 sustain 100 hours) $\leq 0.2\text{dB}$
- Low Temperature: (-40 sustain 100 hours) $\leq 0.2\text{dB}$
- Temperature Circularly: (-40+85 sustain 100 hours) $\leq 0.2\text{dB}$
- Humidity: (+25+65 93 R. H. 100 hours) $\leq 0.2\text{dB}$
- Low Smoke Zero-Halogen

Applications:

- 1) CATV, metro test equipment;
- 2) Telecommunication networks;
- 3) Local area networks (LAN);
- 4) Wide area networks (WAN);
- 5) Premise installations;
- 6) Data processing networks;
- 7) Video and military active device termination.