

Riser Rated Patch Cables

Complex's fiber optic riser patch cables are designed to provide reliable long-term performance and protection when connecting to patch panels or intrabuilding applications. The patch cables are riser-rated for fire resistance in non-plenum areas, and armored options feature stainless steel-wrapped bend-insensitive fibers that protect against crushing forces and rodents while maintaining the flexibility of the standard patch cable.

Available in Single Mode or Multimode (OM1, OM3, OM4), armored or standard jacketing, APC to UPC, APC to APC, UPC to UPC, and in a variety of connector configurations.

Features:

- Bend-tolerant fiber
- Armored options are OFCR rated
- Standard options are OFNR rated
- PVC Jacketing



MMSM4-ST-ST



SMXS9-LC-LC

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Specifications:

Fiber Type:

- **Single Mode:** OS2 9/125µm
- **Multimode:**
 - OM1 62.5/125µm
 - OM3 50/125µm
 - OM4 50/125µm
- **Cable O.D.:**
 - **Standard:** 0.07in (2.0mm)
 - **Armored:** 0.11in (3.0mm)
- **Insertion Loss:** ≤0.3dB
- **Return Loss:**
 - **UPC to UPC:** ≥35dB
 - **APC to UPC:** APC≥60dB; UPC≥50dB
 - **APC to APC:** ≥60dB
- **Bend Radius (Static):**
 - **Standard:** 0.7in (20mm)
 - **Armored:** 1.1in (30mm)
- **Bend Radius (Flexing):**
 - **Standard:** 1.4in (40mm)
 - **Armored:** 2.2in (60mm)
- **Temperature:**
 - **Operating:** 4°F to 158°F (-20°C TO +70°C)
 - **Storage:** -40°F to 158°F (-40°C TO +70°C)

OFNR Jumpers

| Fiber | Channel | Micron | Connector | Connector | Length* (meter) | |
|---|-----------------------|---|------------------------------|------------------------------|---|---|
| MM=Multimode SM=Single Mode MMX= Multimode Armored SMX=Single Mode Armored | S=Simplex D=Duplex | 9=Single Mode 50=Multimode 50µ 62=Multimode 62.5µ | ST LC SC ALC ASC | ST LC SC ALC ASC | 001 002 003 004 005 010 015 | 030 050 075 100 200 300 450 |

EXAMPLES:

SMS9-LC-SC-005, single mode, simplex, single mode, LC to SC connectors, 5 meters

MMD50-LC-LC-001, multimode, duplex, multimode 50µ, LC to LC connectors, 1 meter

** custom lengths available*