# Riser Rated Patch Cables

Camplex'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) | | EXAMPLES: |
|---|---|---|---|---|---|---|---|
| MM=Multimode<br>SM=Single Mode<br>MMX= Multimode Armored<br>SMX=Single Mode Armored | S=Simplex<br>D=Duplex | 9=Single Mode<br>50=Multimode 50μ<br>62=Multimode 62.5μ | ST<br>LC<br>SC<br>ALC<br>ASC | ST<br>LC<br>SC<br>ALC<br>ASC | 001<br>002<br>003<br>004<br>005<br>010<br>015 | 030<br>050<br>075<br>100<br>200<br>300<br>450 | *SMS9-LC-SC-005, single mode, simplex, single mode, LC to SC connectors, 5 meters*<br><br>*MMD50-LC-LC-001, multimode, duplex, multimode 50μ, LC to LC connectors, 1 meter*<br><br>*\* custom lengths available* |

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