



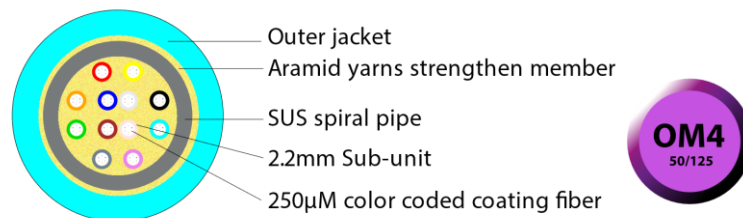
## 12 Strand Micro Armored Multimode 50 Micron OM4 Plenum

### OM4 50/125 Multimode LC/UPC to LC/UPC Duplex Indoor Armored Fiber Optic Cable

In comparison to conventional optical fiber cables, the 50/125 m OM4 multimode bend insensitive fiber optic cable attenuates less when bent or twisted, which will improve the efficiency of fiber optic cable installation and maintenance. Additionally, it can free up more space for high density cabling in data centers, enterprise networks, telecommunications rooms, server farms, cloud storage networks, and anywhere else fiber patch cables are required.

### Product Highlights:

- Precision Zirconia Ferrule Connectors Ensure Low Loss
- Duplex Clip Prevents the Fiber from Rotating and Maintains the Polarity
- Bend Insensitive Fiber & 7.5mm Min. Bend Radius
- Optical Testing Ensures Network Performance
- Compliant to TIA-604 (FOCIS)





### **Specifications:**

**Connector Type** LC UPC to LC UPC

**Fiber Grade** Bend Insensitive

**Fiber Mode** OM4 50/125 $\mu$ m

**Wavelength** 850/1300nm

**40G Ethernet Distance** 150m at 850nm

**100G Ethernet Distance** 100m at 850nm

**Insertion Loss**  $\leq$ 0.3dB

**Return Loss**  $\geq$ 30dB

**Min. Bend Radius (Fiber Core)** 7.5mm

**Min. Bend Radius (Fiber Cable)** 20/10D (Dynamic/Static)

**Attenuation at 850nm** 3.0dB/km

**Attenuation at 1300nm** 1.0dB/km

**Fiber Count** Duplex

**Cable Diameter** 2.0mm

**Cable Jacket** Plenum

**Polarity** A (Tx) to B (Rx)

**Operating Temperature** -20 to 70°C (-4 to 158°F)

**Storage Temperature** -40 to 80°C (-40 to 176°F)

### **Features:**

#### **Tough Steel Tube Protects Network Connection Further**

The network's operation is ensured by the use of stainless-steel tube, which offers effective protection against optical fiber breakage and may be used in a minimal oil, gas, and moisture environment.

#### **Carrier-grade Cable with Guaranteed Quality**

Superior cable assemblies fulfill your various cabling needs and minimize light loss during cable bending.