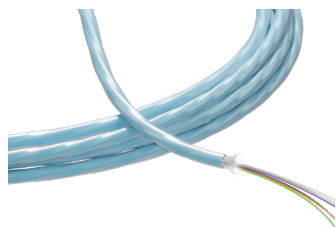


Multimode 62.5 um OM1



Description:

These small fiber bundles are designed for installation into the FutureFLEX™ Air-Blown Fiber tube cable infrastructure. Operating wavelengths are 850 and 1300 nm. They can be used in indoor and outdoor installations.

Features

- Up to 24 fibers per bundle
- Industry standard 62.5 um graded-index multimode optical fiber
- Fibers individually color coded per TIA standards
- Blue aerodynamic jacket allows long distance blows
- Ripcords for easy bundle entry
- UL listed for use with fire-rated tube cables
- Meets ICEA, TIA and UL standards
- Meets IEEE 802.3z Gigabit Ethernet standard.

Specifications

Property	Specification	
Fiber Bundle Jacket material	Polyethylene Extruded Foam (PEF)	
Fiber Bundle Jacket color	Blue	
Core diameter	62.5 micron	
Cladding diameter	125 micron	
Buffer / acrylate diameter	250 micron	
Fiber Bandwidth at 850 / 1300 nm	≥ 220 / 600 MHz-km	
Group Index of Refraction	850 nm	1.496
	1300 nm	1.491
Fiber Bundle Minimum Bend Radius	1.5"	

Physical Characteristics

Part Number	Fiber Type	Description	Outside Diameter (in./mm.)	Max Weight (lbs./kft.)	Std Length (490 Bobbin)	Max Length (600 Bobbin)
FB06M6	62.5/125 OM1	Multimode 6-fiber	0.08 / 2.0	1.3	14,000	40,000
FB12M6S	62.5/125 OM1	Multimode 12-fiber	0.08 / 2.0	3.4	7,000	38,000
FB24M6	62.5/125 OM1	Multimode 24-fiber	0.12 / 3.0	3.4	7,000	16,500
FB48M6	62.5/125 OM1	Multimode 48-fiber	0.15 / 3.7	5.6	6,500	11,000