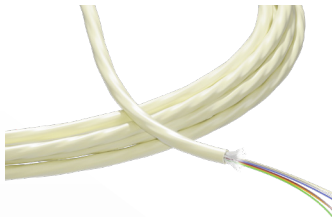


Multimode 50 um OM2



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 applications.

Features

- Up to 48 fibers per bundle
- Industry standard 50 um graded-index multimode optical fiber
- Fibers individually color coded per TIA standards
- White 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	White for 1 Gigabit fiber	
Core diameter	50 micron	
Cladding diameter	125 micron	
Buffer / acrylate diameter	250 micron	
Fiber Bandwidth at 850 / 1300 nm	≥ 500 / 500 MHz-km	
Group Index of Refraction	850 nm	1.483
	1300 nm	1.479
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)
FB06M5	50/125 OM2	Multimode 6-fiber	0.08 / 2.0	1.3	14,000	40,000
FB12M5S	50/125 OM2	Multimode 12-fiber	0.08 / 2.0	3.4	7,000	40,000
FB24M5	50/125 OM2	Multimode 24-fiber	0.12 / 3.0	3.4	7,000	16,500
FB48M5	50/125 OM2	Multimode 48-fiber	0.15 / 3.7	5.6	6,500	11,000