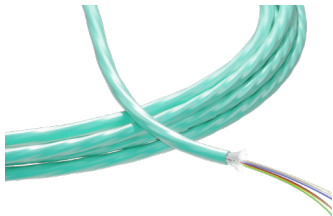


Laser Optimized Multi-Mode 50 um OM4



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 48 fibers per bundle
- Industry standard OM3 and OM4
- Fibers individually color coded per TIA standards
- Aqua 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.
- Gigabit laser optimized 50/125 multimode

Specifications

Property	Specification	
Fiber Bundle Jacket material	Polyethylene Extruded Foam (PEF)	
Fiber Bundle Jacket color	Aqua	
Core diameter	50 micron	
Cladding diameter	125 micron	
Buffer / acrylate diameter	250 micron	
Minimum Bandwidth	Laser EMB @850nm (OM3/OM4)	2000/4700
	Laser EMB @1310nm	500/500
	Overfilled @ 850nm	1500/3500
	Overfilled @ 1300nm	500/500
Group Index of Refraction	850nm	1.483
	1300nm	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 (490Bobbin)	Max Length (600 Bobbin)
FB06G53	50/125 OM3	10 Gb 300 Meter Multimode 6-fiber	0.08 / 2.0	0.4	14,000	40,000
FB12G53S	50/125 OM3	10 Gb 300 Meter Multimode 12-fiber	0.08 / 2.0	3.4	7,000	38,000
FB24G53	50/125 OM3	10 Gb 300 Meter Multimode 24-fiber	0.12 / 3.0	3.4	7,000	16,500
FB48G53	50/125 OM3	10 Gb 300 Meter Multimode 48-fiber	0.15 / 3.7	5.6	6,500	11,000
FB06G55	50/125 OM4	10 Gb 550 Meter Multimode 6-fiber	0.08 / 2.0	0.4	14,000	40,000
FB12G55S	50/125 OM4	10 Gb 550 Meter Multimode 12-fiber	0.08 / 2.0	3.4	7,000	38,000
FB24G55	50/125 OM4	10 Gb 550 Meter Multimode 24-fiber	0.12 / 3.0	3.4	7,000	16,500
FB48G55	50/125 OM4	10 Gb 550 Meter Multimode 48-fiber	0.15 / 3.7	5.6	6,500	11,000