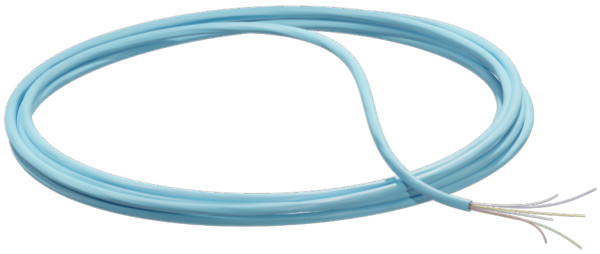
OM1 Multi-Mode 62.5µm Fiber Bundles



Sumitomo Electric Lightwave's OM1 Multi-Mode 62.5µm 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.

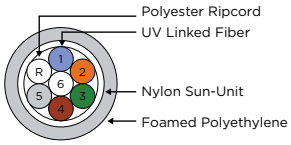
FEATURES

- Up to 48 Fibers per Bundle
- Industry Standard 62.5µm Graded-Index Multi-Mode 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

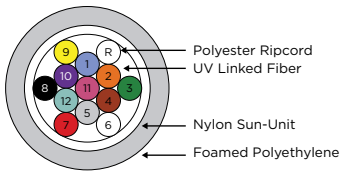
PART NUMBER	FIBER TYPE	DESCRIPTION
FB06M6	62.5/125 OM1	Multi-Mode 6-Fiber
FB12M6S	62.5/125 OM1	Multi-Mode 12-Fiber
FB24M6	62.5/125 OM1	Multi-Mode 24-Fiber
FB48M6	62.5/125 OM1	Multi-Mode 48-Fiber

FIBER COUNTS

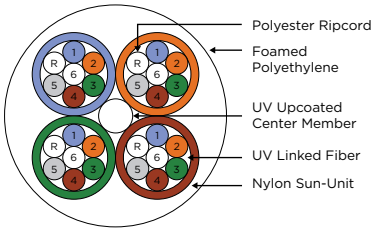
Single-Fiber Bundle Series



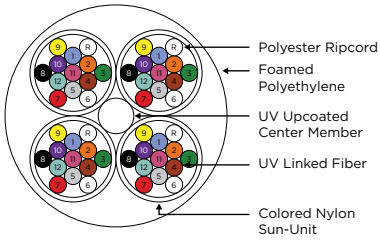
6ct Fiber Bundle



12ct Fiber Bundle



24ct Fiber Bundle



48ct Fiber Bundle

SPECIFICATIONS

PROPERTY	SPECIFICATION	
Fiber Bundle Jacket Material	Polyethylene Extruded Foam (PEF)	
Fiber Bundle Jacket Color	Blue	
Core Diameter	62.5 µm	
Cladding Diameter	125 µm	
Buffer / Acrylate Diameter	250 µm	
Maximum Attenuation	850 nm	≤ 3.5 dB/km
	1300 nm	≤ 1.5 dB/km
Fiber Bandwidth	850 nm	≥ 220 MHz-km
	1300 nm	≥ 600 MHz-km
Group Index of Refraction	850 nm	1.496
	1300 nm	1.491
Fiber Bundle Minimum Bend Radius	1.5 in (38.1 mm)	

ORDERING INFORMATION

PART NUMBER	FIBER TYPE	DESCRIPTION	O.D.		MAX WEIGHT (LBS./KFT.)	MAX LENGTH (600 BOBBIN)
			IN	MM		
FB06M6	62.5/125 OM1	Multi-Mode 6-Fiber	0.08	2.0	1.3	40,000
FB12M6S	62.5/125 OM1	Multi-Mode 12-Fiber	0.08	2.0	3.4	37,500
FB24M6	62.5/125 OM1	Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700
FB48M6	62.5/125 OM1	Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900