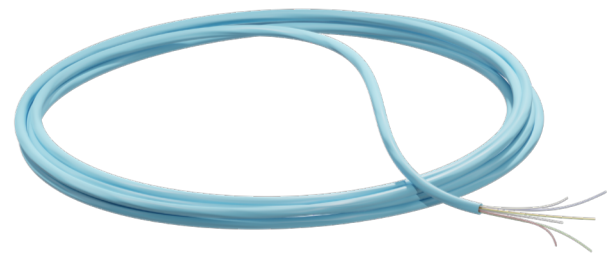


OM1 Multi-Mode 62.5µm Fiber Bundles

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.



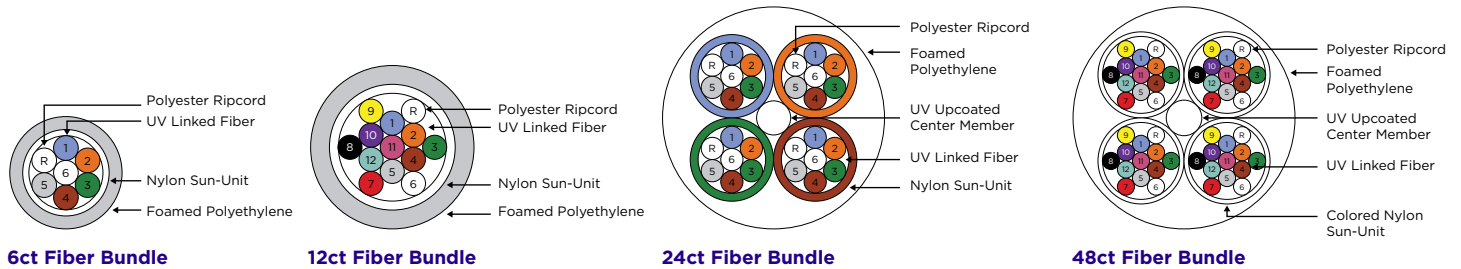
FEATURES

- 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



To learn more information visit www.SumitomoElectricLightwave.com

SPECIFICATIONS

PROPERTY	SPECIFICATION	
Fiber Bundle Jacket Material	Polyethylene Extruded Foam (PEF)	
Fiber Bundle Jacket Color	Blue	
Core Diameter	62.5 μ m	
Cladding Diameter	125 μ m	
Buffer / Acrylate Diameter	250 μ m	
Maximum Attenuation	850 nm	\leq 3.5 dB/km
	1300 nm	\leq 1.5 dB/km
Fiber Capacity	850 nm	\geq 220 MHz-km
	1300 nm	\geq 600 MHz-km
Effective Modal Bandwidth (EMB)	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	OUTSIDE DIAMETER		MAX WEIGHT (LBS./KFT.)	STD LENGTH (490 BOBBIN)	MAX LENGTH (600 BOBBIN)
			IN	MM			
FB06M6	62.5/125 OM1	Multi-Mode 6-Fiber	0.08	2.0	1.3	40,000	40,000
FB12M6S	62.5/125 OM1	Multi-Mode 12-Fiber	0.08	2.0	3.4	39,000	39,000
FB24M6	62.5/125 OM1	Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700	15,700
FB48M6	62.5/125 OM1	Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900	10,900

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