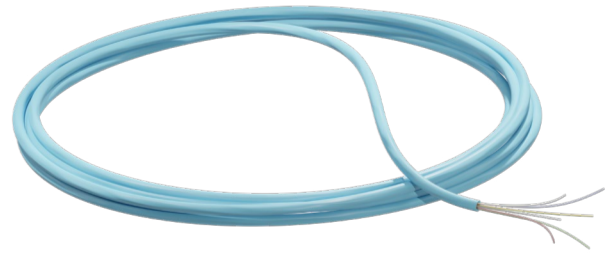


OM1 Multi-Mode 62.5µm Fiber Bundles

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.



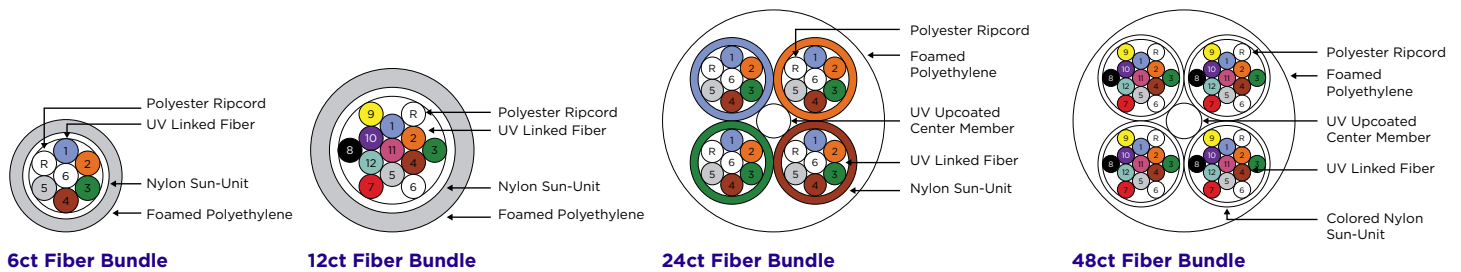
FEATURES

- 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
FB12M6	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 Bandwidth	850 nm	\geq 220 MHz-km
	1300 nm	\geq 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
FB12M6	62.5/125 OM1	Multi-Mode 12-Fiber	0.08	2.0	3.4	39,000
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

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