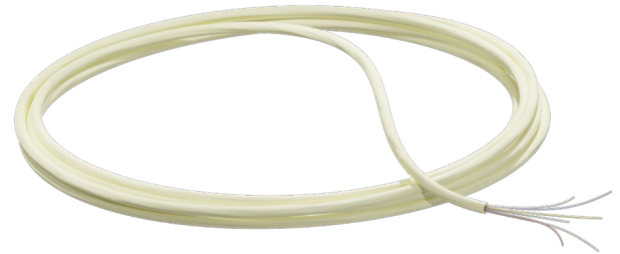


OM2 Multi-Mode 50µm Fiber Bundles

Sumitomo Electric Lightwave's OM2 Multi-Mode 50µm 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.



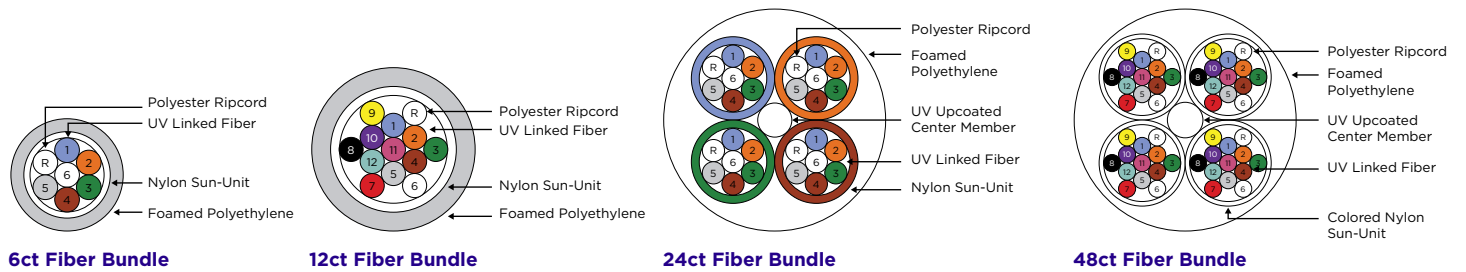
FEATURES

- Up to 48 Fibers per Bundle
- Industry Standard 50µm Graded-Index Multi-Mode 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

PART NUMBER	FIBER TYPE	DESCRIPTION
FB06M5	50/125 OM2	Multi-Mode 6-Fiber
FB12M5	50/125 OM2	Multi-Mode 12-Fiber
FB24M5	50/125 OM2	Multi-Mode 24-Fiber
FB48M5	50/125 OM2	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	White	
Core Diameter	50 μ m	
Cladding Diameter	125 μ m	
Buffer / Acrylate Diameter	250 μ m	
Maximum Attenuation	850 nm	< 3.5 dB/km
	1300 nm	< 1.5 dB/km
Fiber Bandwidth	850 nm	\geq 500 MHz-km
	1300 nm	\geq 500 MHz-km
Group Index of Refraction	850 nm	1.483
	1300 nm	1.479
Fiber Bundle Minimum Bend Radius	1.5 in (38.1 mm)	

ORDERING INFORMATION

PART NUMBER	FIBER TYPE	DESCRIPTION	OUTSIDE DIAMETER		MAX WEIGHT (LBS./KFT.)	MAX LENGTH (600 BOBBIN)
			IN	MM		
FB06M5	50/125 OM2	Multi-Mode 6-Fiber	0.08	2.0	1.3	40,000
FB12M5	50/125 OM2	Multi-Mode 12-Fiber	0.08	2.0	3.4	39,000
FB24M5	50/125 OM2	Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700
FB48M5	50/125 OM2	Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900

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