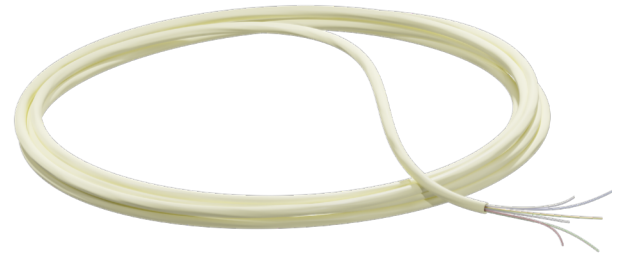


# OM2 Multi-Mode 50µm Fiber Bundles

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.



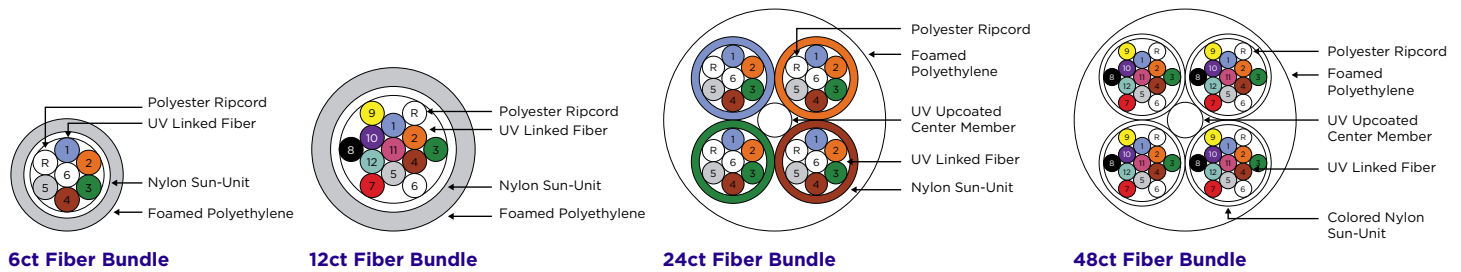
## FEATURES

- 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
FB12M5S	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](http://www.SumitomoElectricLightwave.com)

## SPECIFICATIONS

PROPERTY	SPECIFICATION	
Fiber Bundle Jacket Material	Polyethylene Extruded Foam (PEF)	
Fiber Bundle Jacket Color	White	
Core Diameter	50 $\mu$ m	
Cladding Diameter	125 $\mu$ m	
Buffer / Acrylate Diameter	250 $\mu$ m	
Maximum Attenuation	850 nm	< 3.5 dB/km
	1300 nm	< 1.5 dB/km
Fiber Capacity	850 nm	$\geq$ 500 MHz-km
	1300 nm	$\geq$ 500 MHz-km
Effective Modal Bandwidth (EMB)	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.)	STD LENGTH (490 BOBBIN)	MAX LENGTH (600 BOBBIN)
			IN	MM			
FB06M5	50/125 OM2	Multi-Mode 6-Fiber	0.08	2.0	0.4	40,000	40,000
FB12M5S	50/125 OM2	Multi-Mode 12-Fiber	0.08	2.0	3.4	39,000	39,000
FB24M5	50/125 OM2	Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700	15,700
FB48M5	50/125 OM2	Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900	10,900

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