

# OM5 Multi-Mode 50µm Fiber Bundles

Sumitomo Electric Lightwave's OM5 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.



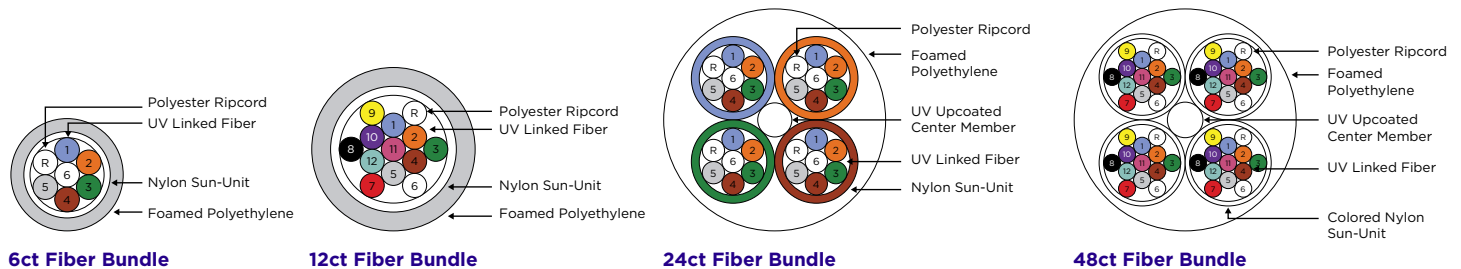
## BENEFITS

- Up to 48 Fibers per Bundle
- Industry Standard OM5
- Fibers Individually Color-Coded per TIA Standards
- Lime 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
- Gigabit Laser Optimized 50/125 Multi-Mode

PART NUMBER	FIBER TYPE	DESCRIPTION
FB06G5W	50/125 OM5	Multi-Mode 6-Fiber
FB12G5W	50/125 OM5	Multi-Mode 12-Fiber
FB24G5W	50/125 OM5	Multi-Mode 24-Fiber
FB48G5W	50/125 OM5	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	Lime	
Core Diameter	50 μm	
Cladding Diameter	125 μm	
Buffer / Acrylate Diameter	250 μm	
Maximum Attenuation	850 nm	< 2.4 dB/km
	1300 nm	< 0.6 dB/km
Fiber Capacity	100 Gbps WDM	150 M
	40 Gbps WDM	440 M
	40 GBASE-SR4/100GBASE-SR4	200 M
Overfilled Modal Bandwidth (OFL)	850 nm	≥ 3500 MHz.km
	953 nm	≥ 1850 MHz.km
	1300 nm	≥ 500 MHz.km
Effective Modal Bandwidth (EMB)	850 nm	≥ 4700 MHz.km
	1300 nm	≥ 2470 MHz.km
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) FT
			IN	MM		
FB06G5W	50/125 OM5	Multi-Mode 6-Fiber	0.08	2.0	0.4	40,000
FB12G5W	50/125 OM5	Multi-Mode 12-Fiber	0.08	2.0	3.4	39,000
FB24G5W	50/125 OM5	Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700
FB48G5W	50/125 OM5	Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900

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