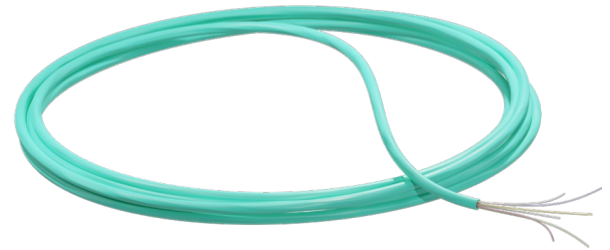


OM3/OM4 Multi-Mode 50µm Fiber Bundles

Sumitomo Electric Lightwave's OM3/OM4 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.



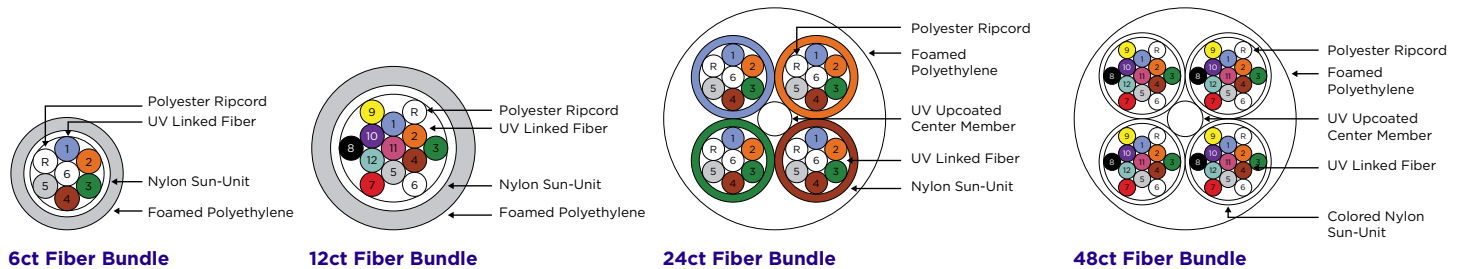
FEATURES

- Up to 48 Fibers per Bundle
- Industry Standard OM3 and OM4
- Fibers Individually Color-Coded per TIA Standards
- Aqua 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
FB06G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 6-Fiber
FB12G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 12-Fiber
FB24G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 24-Fiber
FB48G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 48-Fiber
FB06G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 6-Fiber
FB12G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 12-Fiber
FB24G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 24-Fiber
FB48G55	50/125 OM4	10 Gb 550 Meter 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	Polyvinylidene Fluoride (PVDF)	
Fiber Bundle Jacket Color	Aqua	
Core Diameter	50 μm	
Cladding Diameter	125 μm	
Buffer / Acrylate Diameter	250 μm	
Maximum Attenuation	850 nm	< 3.5 dB/km
	1300 nm	< 1.5 dB/km
Fiber Bandwidth	850 nm	> 500 MHz-km
	1300 nm	> 500 MHz-km
Minimum Bandwidth (Overfilled)	850 nm	1500 / 3500 MHz*km
	1300 nm	500 / 500 MHz*km
Laser EMB at 850 nm (MHz*km)	850 nm	2000 / 4700 m
	1300 nm	500 / 500 m
Group Index of Refraction	850 nm	1.483
	1300 nm	1.479
Operation Temperature Range	-40°F to +158°F (-40°C to +70°C)	
Fiber Bundle Minimum Bend Radius	1.5 in (38.1 mm)	

ORDERING INFORMATION

PART NUMBER	FIBER TYPE	DESCRIPTION	OUTSIDE DIAMETER		MAX WEIGHT	MAX LENGTH (600 BOBBIN)
			IN	MM	LBS/KFT	FT
FB06G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 6-Fiber	0.08	2.0	0.4	40,000
FB12G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 12-Fiber	0.08	2.0	3.4	37,500
FB24G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700
FB48G53	50/125 OM3	10 Gb 300 Meter Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900
FB06G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 6-Fiber	0.08	2.0	0.4	40,000
FB12G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 12-Fiber	0.08	2.0	3.4	37,500
FB24G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 24-Fiber	0.12	3.0	3.4	15,700
FB48G55	50/125 OM4	10 Gb 550 Meter Multi-Mode 48-Fiber	0.15	3.7	5.6	10,900

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