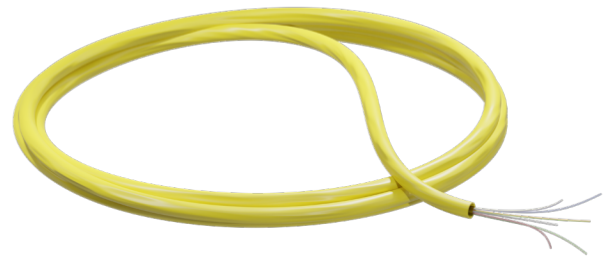


OS2 Single-Mode Fiber Bundles

Sumitomo Electric Lightwave's OS2 Single-Mode Fiber Bundles are designed for installation into the FutureFLEX® Air-Blown Fiber® tube cable infrastructure. They can be used in indoor and outdoor installations.



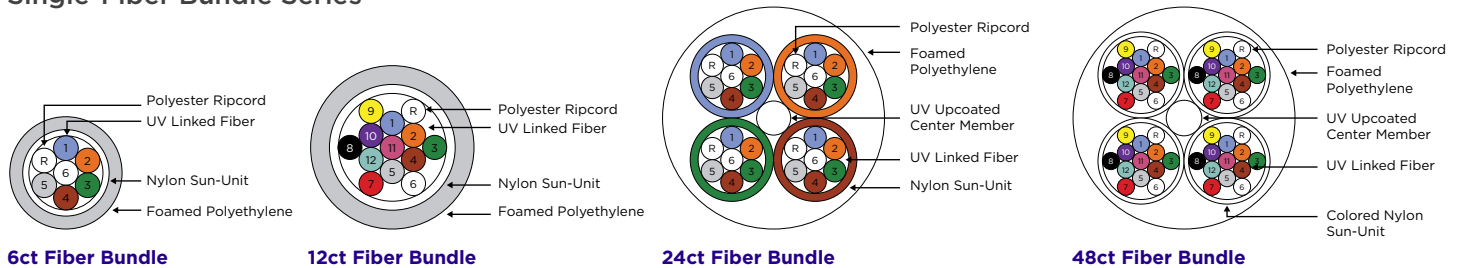
FEATURES

- Up to 48 Fibers per Bundle
- Industry Standard Low Water Peak Single-Mode Optical Fiber
- Fibers Individually Color-Coded per TIA Standards
- Yellow 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

PART NUMBER	FIBER TYPE	DESCRIPTION
FB06SX	SM OS2	Single-Mode 6-Fiber
FB12SXS	SM OS2	Single-Mode 12-Fiber
FB24SX	SM OS2	Single-Mode 24-Fiber
FB48SX	SM OS2	Single-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	Yellow	
Core Diameter	8.3 μm	
Cladding Diameter	125 μm	
Core / Cladding Offset	$\leq 0.4 \mu\text{m}$	
Maximum Attenuation	1310 nm	$\leq 0.40 \text{ dB/km}$
	1550 nm	$\leq 0.30 \text{ dB/km}$
Group Index of Refraction	1310 nm	1.466
	1550 nm	1.467
	1625 nm	1.47
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		
FB06SX	SM OS2	Single-Mode 6-Fiber	0.08	2.0	1.3	40,000
FB12SXS	SM OS2	Single-Mode 12-Fiber	0.08	2.1	1.9	37,500
FB24SX	SM OS2	Single-Mode 24-Fiber	0.12	3.0	3.4	15,700
FB48SX	SM OS2	Single-Mode 48-Fiber	0.15	3.7	5.6	10,900

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