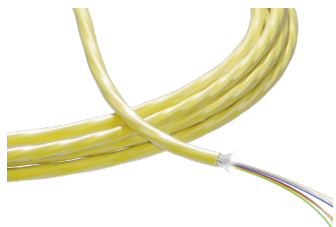


## Single-mode fiber bundle OS2



### Description:

These fiber bundles are designed for installation into the FutureFLEX™ Air-Blown Fiber tube cable infrastructure. They can be used in indoor and outdoor applications.

### 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

Specifications		
Property	Specification	
Fiber Bundle Jacket material	Polyethylene Extruded Foam (PEF)	
Fiber Bundle Jacket color	Yellow	
Core diameter	8.3 micron	
Core / Cladding Offset	≤ 0.4 um	
Cladding diameter	125 micron	
Maximum Attenuation	0.3/0.4 (dB/km)	
Index of Refraction	1310 nm	1.466
	1550 nm	1.467
	1625 nm	1.47
Fiber Bundle Minimum Bend Radius	1.5"	

Physical Characteristics							
Part Number	ABF Bobbins	Fiber Type	Description	Outside Diameter (in./mm.)	Max Weight (lbs./kft.)	Std Length (490 Bobbin)	Max Length (600 Bobbin)
<b>FB02SX</b>	N/A	SM OS2	Single-mode 2-fiber	0.08 / 2.0	0.4	14,000	40,000
<b>FB06SX</b>	490 Bobbins 600 Bobbins	SM OS2	Single-mode 6-fiber	0.08 / 2.0	1.3	14,000	40,000
<b>FB12SXS</b>	490 Bobbins 600 Bobbins	SM OS2	Single-mode 12-fiber	0.08 / 2.1	1.9	7,000	38,000
<b>FB24SX</b>	490 Bobbins 600 Bobbins	SM OS2	Single-mode 24-fiber	0.12 / 3.0	3.4	7,000	16,500
<b>FB48SX</b>	490 Bobbins 600 Bobbins	SM OS2	Single-mode 48-fiber	0.15 / 3.7	5.6	6,500	11,000