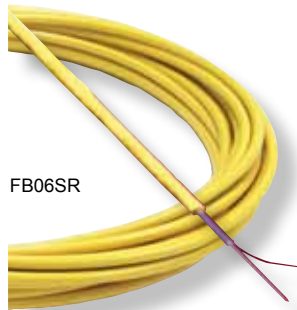


Fiber Bundles - QPL



FB06SR



FB18SR

Single-mode RADHARD

Features

- Available in 6 and 18 fibers per bundle
- QPL Listed (see description for Government Designation)
- Radiation Hardened Single-mode OS1 optical fiber
- Fibers individually color coded per TIA standards
- Ripcords for easy bundle entry
- Meets ICEA, TIA and UL standards

Applications

These fiber bundles are designed for installation into the FutureFLEX Air-Blown Fiber tube cable infrastructure. Operating wavelengths are 1310 and 1550 nm.

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 μm	
Cladding diameter	125 micron	
Buffer / acrylate diameter	250 micron	
Maximum Dispersion at 1310 / 1550 nm	≤ 3.2 / 18.0 ps/nm-km	
Index of Refraction	1310 nm	1.466
	1550 nm	1.467
	1625 nm	1.47
Operation Temperature Range	-58°F to +158°F (-50°C to + 70°C)	
Fiber Bundle Minimum Bend Radius	1.5"	

Physical Characteristics

Part Number	Fiber Type	Description	Outside Diameter (in./mm.)	Max. Weight (lbs./kft.)	Std. Length	Max. Length
FR06SR	SM OS1	Single-mode RADHARD 6-fiber QPL Listing: M85045/27-02	0.08 / 2.0	1.3	14,000	~16,000
FR18SR	SM OS1	Single-mode RADHARD 18-fiber QPL Listing: M85045/29-0218	0.12 / 3.0	3.4	7,000	~9,000