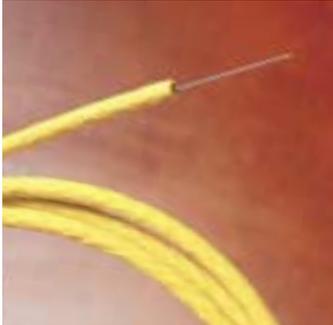
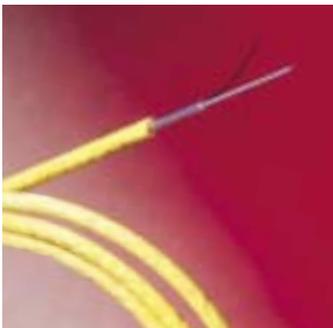
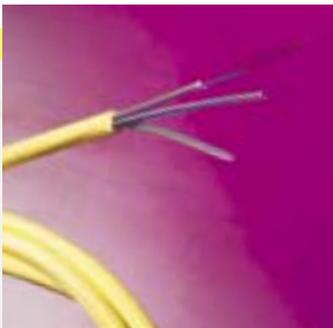


Fiber Bundles


FR02SX

FB06SX

FB18SX

Single-mode

Features

- Up to 18 fibers per bundle
- Industry standard 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

Applications

These fiber bundles are designed for installation into the FutureFLEX® System tube cable infrastructure. Operating wavelengths are 1310 and 1550 nm. They can be used in indoor and outdoor applications.

Specifications

Property	Specification
Fiber Attenuation (1310/1550 nm)	≤ 0.40/0.30 dB/km
Fiber Dispersion (1310/1550 nm)	≤ 3.2/18.0 ps/nm•km
Operation Temperature Range	-40° to +158°F
Minimum Bend Radius	1.5"
Reel Length*	3,500', 7,000' or 14,000'

Physical Characteristics

Part Number	Description	No. of Fibers	Outside Diameter (in.)	Max. Weight (lbs./kft.)
FR02SX	2-fiber ribbon design. Covered with yellow foamed jacket.	2	0.08	0.4
FB04SX	4-fiber bundle design, contains polyester ripcord. Covered with yellow foamed jacket.	4	0.08	1.3
FB06SX	6-fiber bundle design, contains polyester ripcord. Covered with yellow foamed jacket.	6	0.08	1.3
FB06SR NEW	6-fiber RAD HARD bundle design, contains polyester ripcord. Covered with yellow foamed jacket.	6	0.08	1.3
FB12SX	12-fiber bundle design, contains polyester ripcord. Covered with yellow foamed jacket.	12	0.12	3.4
FB18SX	18-fiber bundle design, contains polyester ripcord. Covered with yellow foamed jacket.	18	0.12	3.4
FB18SR NEW	18-fiber RAD HARD bundle design, contains polyester ripcord. Covered with yellow foamed jacket.	18	0.12	3.4

*2-, 4-, and 6-fiber bundles available in 7,000' or 14,000' reel lengths. 12- and 18-fiber bundles available in 3,500' or 7,000' reel lengths.

Tube Cables and Accessories



TC03TRX



TC07TRX



TC19TRX

Indoor/Riser Rated

Features

- Flame resistant PVC jacket materials
- Flame barrier tape
- Ripcords
- Cable length markings at 2' intervals
- Tube ID numbers marked at 2" intervals
- UL 1666 and CUL OFNR rated
- All-dielectric
- Meets ICEA, TIA and UL standards

Applications

These multi-tube cables are used for creating indoor tube cable infrastructures. They are UL OFNR listed for riser transitions between building floors. They are ideal for intrabuilding backbones.

Specifications

Property	Specification
Operation Temperature Range	-20° to +158°F
Minimum Bend Radius (During/After Installation)	20/10 x cable diameter
Standard Reel Length*	1000' (+40'/-0')

Physical Characteristics

Part Number	Description	No. of Tubes	Outside Diameter (in.)	Max. Weight (lbs./kft.)	Max. Tensile Load (lbs.)
TC02TRX	Two tubes wrapped with fire-blocking tapes and dual fire-retardant jackets.	2	1.0	225	200
TC03TRX	Three tubes wrapped with fire-blocking tapes and dual fire-retardant jackets.	3	1.0	283	200
TC07TRX	Seven tubes wrapped with fire-blocking tapes and dual fire-retardant jackets.	7	1.3	460	400
TC19TRX	Nineteen tubes wrapped with fire-blocking tapes and dual fire-retardant jackets.	19	1.9	860	500

*Note: Non-standard lengths can be manufactured upon request.