

Riser & Plenum VersaLite TBF™

Tight Buffer
Distribution



Indoor/Outdoor
Riser UL/cUL Type OFNR/OFN FT4
Plenum UL/cUL Type OFNP/OFN FT6

Recommended Applications

- Campus backbones
- Interbuilding installations
- Data centers
- Ducts between buildings

Product Features

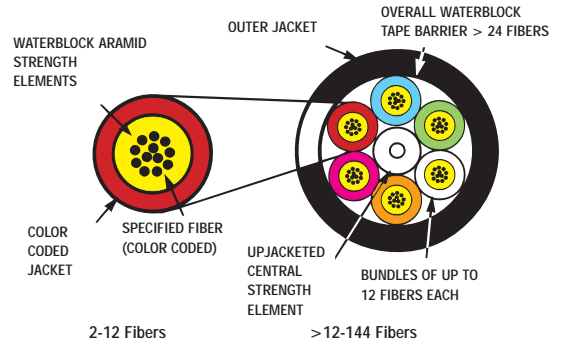
- 900 µm tight buffered 2 to 144 fiber cables
- Fibers and sub-units are color coded for ease of identification
- Fully water-blocked for outdoor applications
- Durable flame-retardant and UV-resistant black outer jacket
- UL Riser & Plenum rated OFNR/OFNP for versatile use
- Meets ICEA S-104-696 test criteria
- No breakout kits required for terminations

Mechanical & Environmental Characteristics

- | | | |
|----------------------|---|---|
| • Crush Resistance | (EIA-455-41) | 220 N/cm |
| • Impact Resistance | (EIA-455-25) | 200 Impacts w/1.6 N-m |
| • Flexure | (EIA-455-104) | 2000 Cycles min. |
| • Water Pen. Test | (EIA-455-82) | Passed |
| • Min. Bend Radius | Long Term – No Load | 10x Cable diameter |
| • Min. Bend Radius | Short Term – Load | 15x Cable diameter |
| • Operating Temp. | – | –40°C to +70°C |
| • Installation Temp. | – | –10°C to +60°C (Riser)
0°C to +60°C (Plenum) |
| • Storage Temp. | – | –40°C to +80°C |
| • UL/cUL Rated | Type OFNR/OFN FT4 (Riser)
Type OFNP/OFN FT6 (Plenum) | |
| • Flame Resistance | UL 1666 (Riser)
UL 910 (Plenum) | Passed
Passed |



FIBER BUNDLE DETAIL



Riser

Part Number	Fiber Count	Outside Diameter		Weight		Min. Bend Radius				Max. Load (Installation)	
		mm	in.	kg/km	lbs/M'	Short Term		Long Term		Newtons	lbs.
M9X039T*	6	5.59	.220	28	19	8.4	3.3	5.6	2.2	1334	300
M9X042T*	12	6.48	.255	40	27	9.6	3.8	6.6	2.6	1334	300
M9X601T*	24	8.26	.325	63	42	12.4	4.9	8.4	3.3	2700	600
M9X604T	36	16.64	.655	210	141	25.0	9.8	16.6	6.6	2700	600
M9X606T	48	16.21	.638	195	131	24.3	9.6	16.2	6.4	2700	600

Plenum

Part Number	Fiber Count	Outside Diameter		Weight		Min. Bend Radius				Max. Load (Installation)	
		mm	in.	kg/km	lbs/M'	Short Term		Long Term		Newtons	lbs.
M9X045T*	6	4.83	.190	24	16	7.6	3.0	5.1	2.0	1334	300
M9X048T*	12	5.72	.225	33	22	8.6	3.4	5.8	2.3	1334	300
M9X611T*	24	8.38	.330	60	40	12.4	4.9	8.4	3.3	2700	600
M9X614T	36	15.37	.605	201	135	23.1	9.1	15.4	6.1	2700	600
M9X616T	48	15.49	.610	195	132	23.2	9.2	15.5	6.1	2700	600

For *X* in part number see optical characteristics on page 30. *Single jacket version.