

# Tight Buffer Distribution Riser and Plenum

**Multimode** (50µm, 62.5µm), **Single Mode** (ESMF), **Hybrid**

## Applications

Suitable for both indoor and outdoor use, ideal for interbuilding and transition applications.

## Specifications

<b>Constructions</b>	900µm tight buffered color-coded fibers - dielectric and interlock armor
<b>Fiber Count</b>	2 to 144 fibers (cables > 12 fibers are unitized)
<b>Options</b>	Indoor, LSZH and specialty versions (mining, remote broadcast; tactical deployment; preconnectorized)
<b>Performance</b>	TIA/EIA-568B, ICEA 83-596, Telcordia GR-409, IEEE383
<b>*Max. Installation Load (Riser)</b>	2-12 Fiber: 300 lbs (1,335N) 18-144 Fiber: 600 lbs (2,700N)
<b>Max. Operation Load (Riser)</b>	2-12 Fiber: 90 lbs (400.5N) 18-144 Fiber: 180 lbs (810N)
<b>*Max. Installation Load (Plenum)</b>	2-12 Fiber: 150 lbs (666N) 18-60 Fiber: 400 lbs (1,800N) 72-144 Fiber: 600 lbs (4,445N)
<b>Max. Operation Load (Plenum)</b>	2-12 Fiber: 45 lbs (199.8N) 18-60 Fiber: 120 lbs (540N) 72-144 Fiber: 180 lbs (810N)
<b>Shipping and Storage</b>	-40°F to 176°F (-40°C to 80°C)
<b>Installation</b>	32°F to 122°F (0°C to 50°C)
<b>Operation</b>	-40°F to 158°F (-40°C to 70°C)

\*Pull Strength

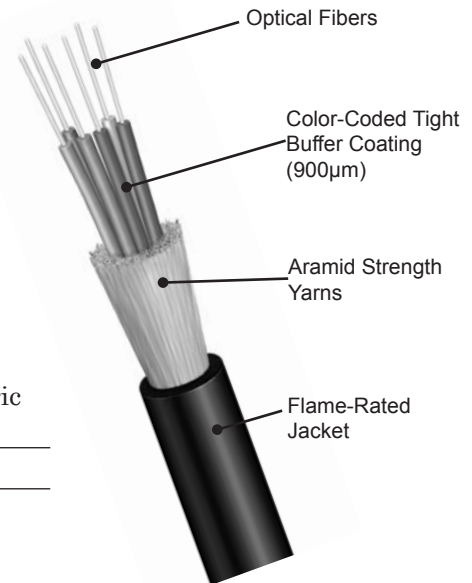
## Features and Benefits

### Easy Cable Installation and Termination

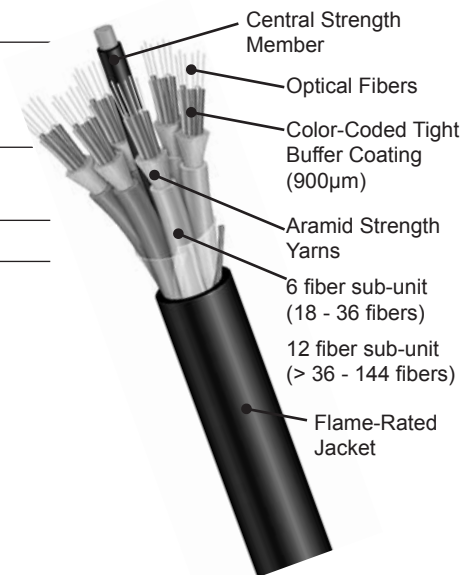
- 900µm tight buffered fibers can be directly terminated
- Flexible small diameter cables simplify pulling and placement
- Color-coded fibers and numbered sub-units simplify identification
- Optional interlock armor provides robust protection and one-step installation

### Flame-Retardant Safety

- Versions for riser (OFNR/FT-4), plenum (OFNP/FT-6) and LSZH
- A single cable design can support all structured cabling applications



**6-Fiber Cable**



**36-Fiber Cable**