

# Tight Buffer Breakout Riser and Plenum

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

## Applications

Robust multi-fiber indoor breakout, routing and connectorization.

## Specifications

<b>Constructions</b>	Jacketed cordage (2.5mm units) with 900µm tight buffered fiber; dielectric and interlock armor
<b>Fiber Count</b>	2 to 24 fiber
<b>Options</b>	Preconnectorized; 2.5mm units
<b>Performance</b>	TIA/EIA-568B, ANSI/ICEA S-83-596, Telcordia GR-409, RoHS
<b>*Max. Installation Load (Riser)</b>	2-12 Fiber: 150 lbf (660N) 14-24 Fiber: 300 lbf (1,335N)
<b>Max. Operation Load (Riser)</b>	2-12 Fiber: 45 lbf (200N) 14-24 Fiber: 80 lbf (400N)
<b>*Max. Installation Load (Plenum)</b>	2-12 Fiber: 100 lbf (440N) 14-24 Fiber: 150 lbf (660N)
<b>Max. Operation Load (Plenum)</b>	2 Fiber: 113 lbf (500N) 4-8 Fiber: 250 lbf (110N) 10-12 Fiber: 270 lbf (1,200N) 14-24 Fiber: 45 lbf (200N)
<b>Shipping and Storage</b>	-40°F to 176°F (-40°C to 80°C)
<b>Installation</b>	14°F to 122°F (-10°C to 50°C)
<b>Operation</b>	-4°F to 176°F (-20°C to 80°C)

\*Pull Strength

## Features and Benefits

### Easy Cable Entry and Termination

- 2.5mm units with 900µm tight buffered fibers provide simple direct field termination
- Flexible robust cables simplify pulling and placement
- Numbered sub-units simplify identification and routing
- 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

