

# Loose Tube

## Gel-Free\* Dielectric and Armored Single Jacket

## Single Armored Double Jacket

Single mode (ESMF, NZDSF), Multimode, Hybrid

### Applications

Multi-purpose outdoor performance for aerial lashed, duct and direct buried installations.

### Specifications

<b>Constructions</b>	Dielectric, armored, single and double jacket
<b>Fiber Count</b>	4 to 432 fibers in color-coded buffer tubes
<b>Options</b>	Preconnectorized, steel central member, copper pair(s)
<b>Other Version</b>	Gel-free indoor/outdoor
<b>Performance</b>	ANSI/ICEA, IEC, RDUP, Telcordia GR-20
<b>Maximum Installation Load</b>	600 lbf (2,670N)
<b>Maximum Operation Load</b>	180 lbf (800N)
<b>Shipping and Storage</b>	-40°F to 167°F (-40°C to 75°C)
<b>Installation</b>	-22°F to 140°F (-30°C to 60°C)
<b>Operation</b>	-40°F to 158°F (-40°C to 70°C)

### Features and Benefits

#### Easy Cable Entry and Preparation

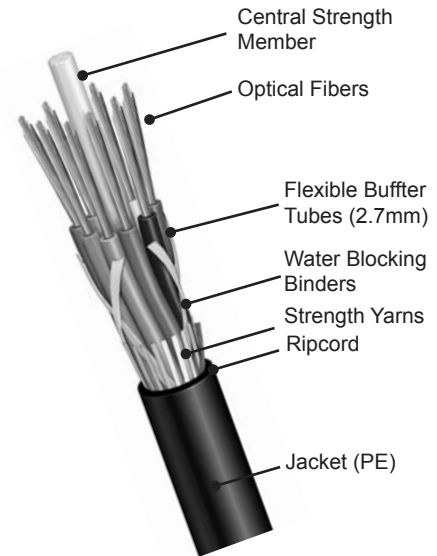
- Gel-free water blocked design simplifies access and reduces prep time by 15 minutes per cable end
- Adhesive bond armor greatly improves mid-entry
- Ripcord speeds cable entry and outer jacket removal
- Dry core swellable binders speed cable preparation

#### Flexible Routing and Termination

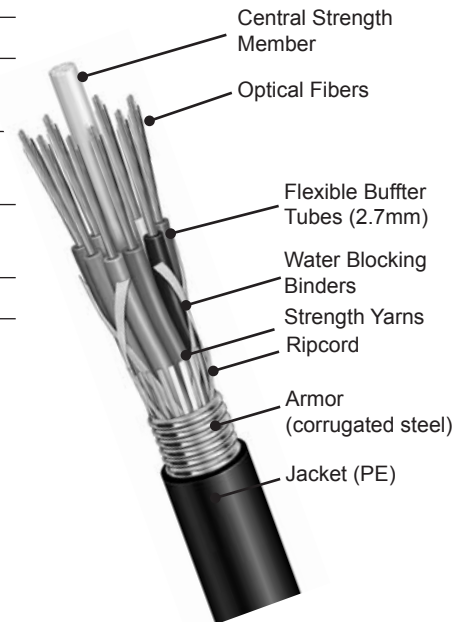
- Up to 20' buffer tube storage length supports multi-vendor FTTx pedestals, closures and cabinets
- Flexible buffer tubes simplify routing and splicing preparation

#### Multi-purpose Installation and Use

- Small diameter and light weight extend installations length
- Optional corrugated steel tape armor provides mechanical protections and rodent resistance



**Dielectric Loose Tube**



**Armored Loose Tube**

**\*Power & Tel defines "gel free" fiber optic cables as cables with no water blocking gel between or in the buffer tubes. Cables with no water blocking gel between the buffer tubes only are described as dry.**