

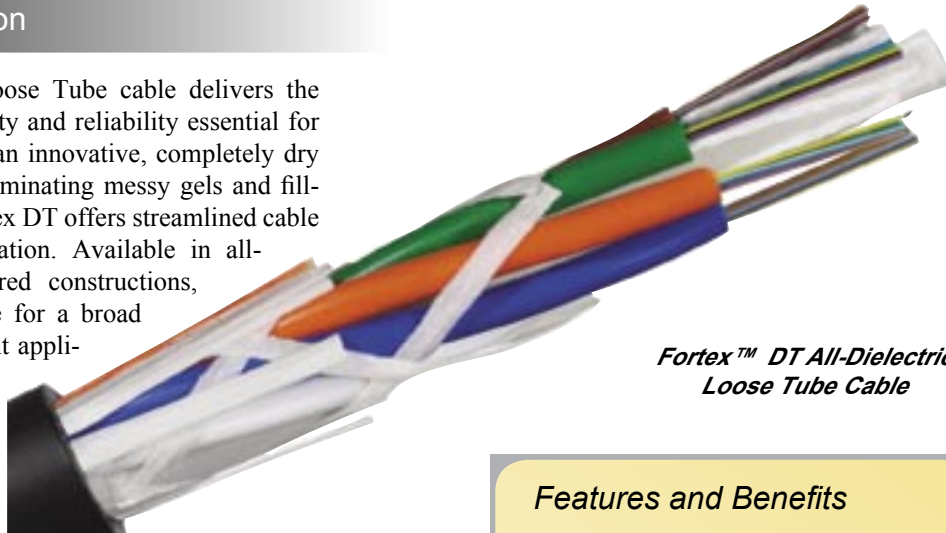
# Fortex™ DT Cable

All-Dielectric, Light Armor, and Armored Loose Tube Cables

*Completely Dry Cable Offering Superior Handling and Excellent Durability for a Broad Range of Applications*

## Product Description

Fortex™ DT Loose Tube cable delivers the rugged durability and reliability essential for outside plant use in an innovative, completely dry cable design. By eliminating messy gels and filling compounds, Fortex DT offers streamlined cable handling and installation. Available in all-dielectric and armored constructions, this cable is suitable for a broad range of outside plant applications, including duct, lashed aerial, and direct buried in harsh environments.



*Fortex™ DT All-Dielectric Loose Tube Cable*

## Why the Fortex DT Cable?

With its totally dry design, Fortex DT Loose Tube Cable offers excellent water penetration resistance and reliability without the use of gels or filling compounds. The result is a cable that simplifies splice preparation and work area cleanup, while reducing potential safety hazards.

Fortex DT cable's high-performance buffer tubes provide excellent crush and UV-resistance for long-term reliability. These lightweight, flexible tubes also allow easier cable handling, installation, and routing inside closures. Reverse Oscillating Lay (ROL) stranding of the buffer tubes enables easy mid-span access and cable entry.

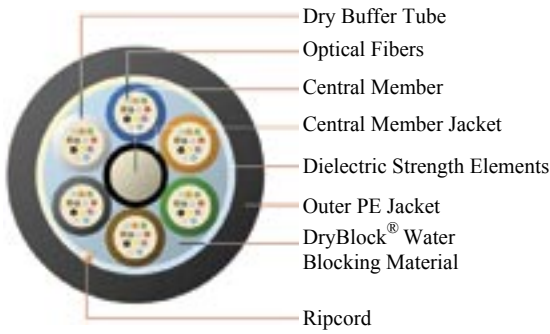
## Jacketing Options

The Fortex DT Loose Tube Cable is available in three constructions to meet the demands of your specific installation:

### Features and Benefits

- Totally dry cable design for streamlined cable handling and routing
- Excellent water penetration resistance without messy gels or filling compounds
- Fiber counts to 288 in all constructions
- Highly durable and reliable for outside plant use
- Lightweight, flexible buffer tubes for easier installation and routing
- 600-pound (2700 N) rated pulling tension for long pulls without fiber strain
- ROL stranding and ripcords for fast mid-span entry
- High-density polyethylene (HDPE) jacket available on request
- Meets Telcordia GR-20 and RUS PE-90 standards
- Features OFS application-specific fibers including AllWave® and TrueWave® fibers

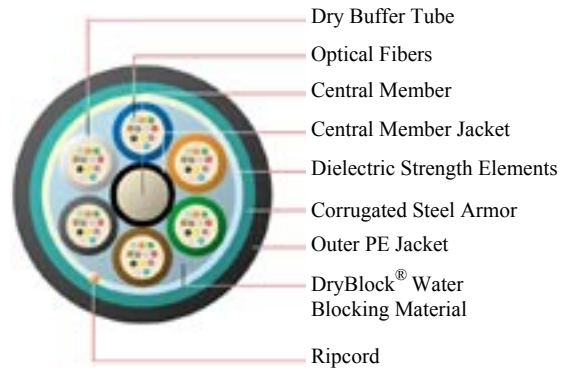
### All-Dielectric



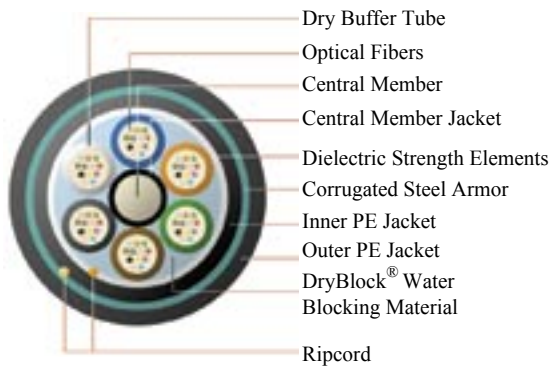
**All-Dielectric:** A durable medium-density polyethylene (MDPE) jacket is applied to complete the Single Jacket all-dielectric construction.

**Light Armor:** A corrugated electrolytically chrome-coated steel (ECCS) tape is applied lengthwise over the cable core. A MDPE jacket is then placed over the steel armor to complete the Light Armor construction.

### Light Armor



### Armored



**Armored:** A MDPE sheath is applied over the cable core as an inner jacket. A corrugated ECCS tape is then placed lengthwise over the inner jacket. Finally, an outer MDPE jacket is applied over the armor to complete the Armored construction.

## Technical and Ordering Information

Technical Information			
Specifications	Single Jacket	Light Armor	Armored
Fiber Count	2-288	2-288	2-288
Cable Outside Diameter (mm)	10.6 - 19.3	12.1 - 20.3	14.4 - 23.5
Cable Weight (kg/km)	85 - 277	147 - 381	197 - 468
Bend Radius:	10x cable diameter under static load (installed) 15x cable diameter under dynamic load (during installation)		
Operating Temperature:	-40°F - 158°F (-40°C - 70°C) -60°F - 158°F (-60°C - 70°C)* <small>* Available on customer request</small>		
Ordering Information			
AllWave® Single-mode fiber	AT-3BE12YT-xxx	AT-3BEH2YT-xxx	AT-3BEN2YT-xxx
TrueWave® Single-mode fiber	AT-62612YT-xxx	AT-626H2YT-xxx	AT-626N2YT-xxx
Note: xxx= cable fiber count			

For additional information please contact your sales representative.  
You can also visit our website at <http://www.ofsoptics.com> or call 1-888-fiberhelp.

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