

Outside Plant Armored Loose Tube



Jacket/armor combinations for buried/underground/aerial use

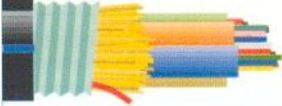
Corrugated steel tape armor is strong yet flexible

Certain configurations available in lengths of 8.4 miles/14 km singlemode and 4.95 miles/8 km multimode

Standard color-coding on fibers and buffer tubes helps ease installation

Fiber types and grades include:

62.5/125µm ULTRA and FDDI, 50/125µm high-performance and 8.3/125µm high-performance

Product Type/ Fiber Count	Catalog Number	Outer Diameter inch/mm	Min. Bend Loaded inch/cm	Radius Unloaded inch/cm	Installation Loading lbs/newtons	Crush Resistance N/cm	Impact Resistance 25 Impacts	Weight lbs/ kg/ 1000' 1000m	
 Single jacket/ single armor 2 - 72 Fiber	O- 000 -LT-XY-DA	.55/13.9	10.9/27.7	5.5/13.9	600/2700	440	5.9 N•m	150 223	
	CATV number ORF- 000 -DAS								
	74 - 96 Fiber	O- 000 -LT-XY-DA	.63/16.0	12.6/31.9	6.3/15.9	600/2700	440	5.9 N•m	183 272
	98 - 120 Fiber	O- 000 -LT-XY-DA	.71/18.0	14.2/36.1	7.1/18.0	600/2700	440	8.8 N•m	225 335
	122 - 144 Fiber	O- 000 -LT-XY-DA	.79/20.1	15.9/40.3	7.9/20.1	600/2700	440	11.8 N•m	255 379
146 - 216 Fiber	O- 000 -LT-XY-DA	.78/19.9	15.6/39.7	7.8/19.9	600/2700	440	11.8 N•m	275 409	
Singlemode/Multimode Composite (4 - 216 fiber)	O- 000 -LT-CM- 8H0000/6Y0000 -DA	Custom design - sizes/specs will vary depending on fiber count							

In the catalog number, XY = 6U (62.5/125µm graded index/ULTRA grade)

6F (62.5/125µm graded index/FDDI grade)

8H (8.3/125µm singlemode/High-performance grade)

5H (50/125µm graded index/High-performance grade)

0 is replaced with fiber count

Fiber identification colors:

1/Blue, 2/Orange, 3/Green, 4/Brown, 5/Slate, 6/White, 7/Red, 8/Black, 9/Yellow, 10/Violet, 11/Rose, 12/Aqua

Outside Plant Armored Loose Tube Cable

Polyethylene jacket

Armor

Core binder

Aramid yarn

Buffer tube (3mm)

Water blocking gel

Central strength member

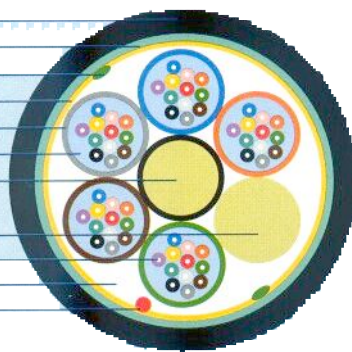
(overcoat when required)

Blank filler (when required)

250 µm fiber

Flooding compound

Rip cord



Mechanical Properties

Description	Specification
Operating Temp.	-50 to 70°C single jacket
Storage Temp.	-50 to 70°C single jacket
Crush Resistance	> Bellcore GR-20
Impact Resistance	> Bellcore GR-20
Flexing	> Bellcore GR-20
Twist/Bend	> Bellcore GR-20

For more information about a product, contact your CommScope salesperson at 800.982.1708 (fax 828.1708)