

96 & 144 Fiber Dry Loose Tube Indoor-Outdoor Cable, Riser

*** Plenum Available Upon Request**

Features and Benefits

- Gel-Free waterblocking design
- UV protected rugged jacket
- 96 & 144 fiber count
- Available in all fiber types

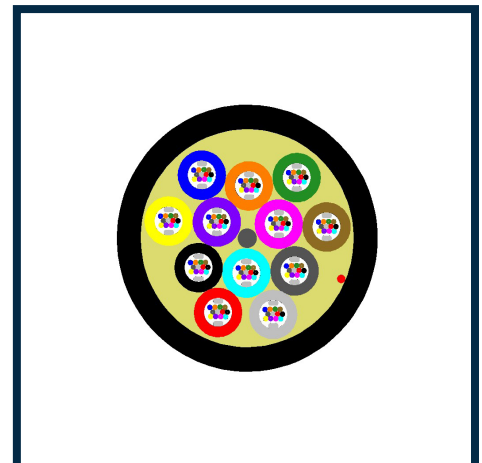
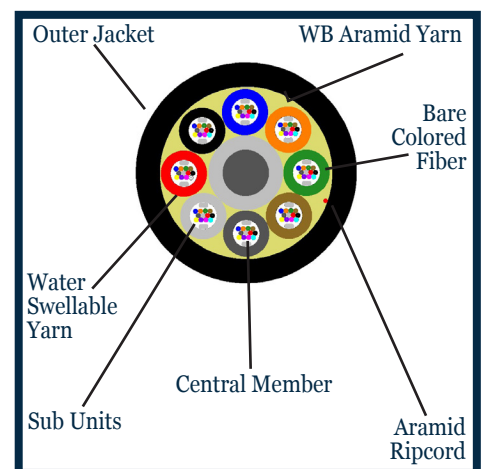
Description

This multi-tube Dry Loose Tube Indoor-Outdoor Cable is composed of eight and twelve buffer tubes, water blocking yarn, a central strength member, an aramid ripcord, and a PVDF outer jacket. Each buffer tube consists of a 12 colored glass fibers and water-swellaable yarn with a PVDF jacket 2.5mm in diameter. All component materials meet the EU RoHS and REACH Directive standards. Buffer tubes may be color-coded or sequentially numbered.

This Dry Loose Tube is available in carbon black or special-order colors (including 12 TIA standard colors). UL Listed OFNP cables are available, and unrated cables may be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating, and fiber type, and includes footage markers. Custom print may also be accommodated.

Application

Riser
Duct
Indoor/Outdoor



SPECIFICATIONS

Temperature Range						
Storage Temperature		-40 C to +70 C				
Operating Temperature		-40 C to +70 C				
Cable Characteristics						
Fiber Count		96/144				
Outer Jacket Material		Riser PVC				
Buffer Tubes		Riser PVC				
Strength Member		Aramid Yarn				
Central Strength Member		Fiber Reinforced Rod				
Coating on Central Strength Member		Riser PVC				
Physical Characteristics		Value 96/144 (fiber count)				
Nominal Outer Diameter (mm)		12.0/ 13.0				
Weight (lbs/ km)		325/ 388				
Minimum Bend Radius, Installation (cm)		18.0/ 19.5				
Minimum Bend Radius, Operation (cm)		12.0/13.0				
Optical Characteristics						
Items	Single Mode	OM1	OM2	OM3	OM4 (OM4+)	OM5 WB MMF
Core Size [μm]	9	62.5	50	50	50	50
Wavelength [nm]	1,310/1,550	850/1,300	850/1,300	850/1,300	850/1,300	850/1,300
Max. Attenuation [dB/km]	0.5/0.4	3.5/1.5	3.5/1.5	3.0/1.0	3.0/1.0	3.0/1.0
Link Length [m]	10,000/5,000 (1/10 Gb/s@1550nm)	300 (1Gb/s@850nm)	150 (10Gb/s@850nm)	300 (10Gb/s@850nm)	550(600) (10Gb/s@850nm)	550 (10Gb/s@850nm)
Bandwidth (EMB High Performance) [MHZ.km]		220 @850	750 @850	2,000 @850	4,700 @850	4,700 @850

Fiber Type (9/125)	**	Fiber Type (50/125)	**	Fiber Type (62.5/125)	**
SMF-28 Ultra	CZ	ClearCurve OM2	C2	InfiniCor 300	C3
ClearCurve LBL	C7	Clear Curve OM3	CG		
ClearCurve ZBL	CC	ClearCurve OM4	C4		
		ClearCurve OM5	C5		