

48-72 Fiber Dry Loose Tube Indoor-Outdoor Cable, Riser

*Plenum Available Upon Request

Features and Benefits

- Gel-Free waterblocked design
- UV protected rugged jacket
- 48 thru 72 fiber count
- Available in all fiber types

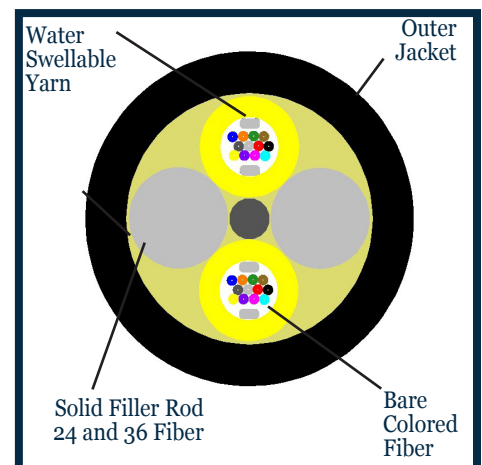
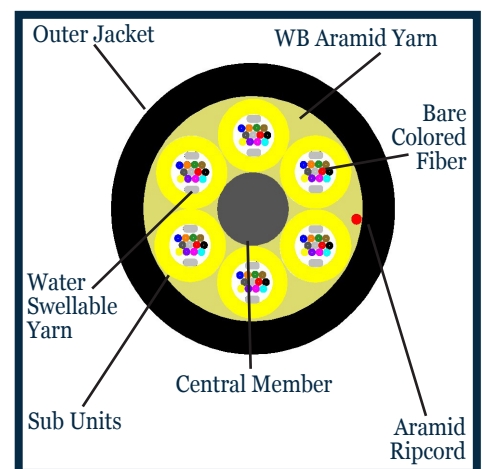
Description

This multi-tube Dry Loose Tube Indoor-Outdoor Cable is composed of one to six sub-units, water blocking aramid yarn, central strength member, optional solid filler rods, and a PVC outer jacket. Each sub-unit consists of 2 to 12 colored optical fibers and water-swellaable yarn with a PVC jacket 2.5mm in diameter. All component materials meet the EU RoHS and REACH Directive standards. Sub-units can be color-coded or sequentially numbered.

This Dry Loose Tube is UL Listed OFNP cables are available, and unlisted, unrated cables can be supplied to accommodate special needs. Standard surface print denotes construction, NEC rating, and fiber type, and includes footage markers. Custom print can 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	48, 72
Outer Jacket Material	Riser Rated PVC
Sub Units	Riser Rated PVC
Strength Member	Aramid Yarn
Central Strength Member	Fiber Reinforced Rod
Coating on Central Strength Member	Riser Rated PVC

Physical Characteristics

	Value
Nominal Outer Diameter (mm) 48, 72 (fiber count)	8.5/ 10.4
Weight (lbs/ km) 48, 72 (fiber count)	182/ 252
Minimum Bend Radius, Installation (cm) 48, 72 (fiber count)	12.8/ 15.6
Minimum Bend Radius, Operation (cm) of 48, 72 (fiber count)	8.5/ 10.4

Optical Characteristics

Items	Single Mode	OM1	OM2	OM3	OM4
Core Size	9 um	62.5 um	50 um	50 um	50 um
Wavelength	(1310/ 1550) nm	(850/ 1300) nm	(850/ 1300) nm	(850/ 1300) nm	(850/ 1300) nm
Max. Attenuation	(0.5/ 0.4) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km	(3.5/ 1.5) dB/ km
Bandwidth (EMB) (High Performance)	—	220 MHz @850nm	850 MHz @850nm	2000 MHz @850nm	4700 MHz @850nm
Link Length (10Gb/ s)	—	—	150 mtr	300 mtr	550 mtr

Fiber Type (9/125)

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SMF-28 Ultra	CZ
ClearCurve LBL	C7
ClearCurve ZBL	CC

Fiber Type (50/125)

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ClearCurve OM2	C2
Clear Curve OM3	CG
ClearCurve OM4	C4

Fiber Type (62.5/125)

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InfiniCor 300	C3
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