

2-24 Fiber Optic Distribution Cable Plenum Rated

Features and Benefits

- 900µm Tight Buffers
- Aramid yarn strength members
- Exclusive use of Corning® optical fibers
- Jacket print ensures product identification and fiber compatibility
- Durable jacket offers added protection during installation and in rugged use applications

Description

This Distribution Cable is composed of 2 to 24 colored tight buffered optical fibers, aramid yarn, and a PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

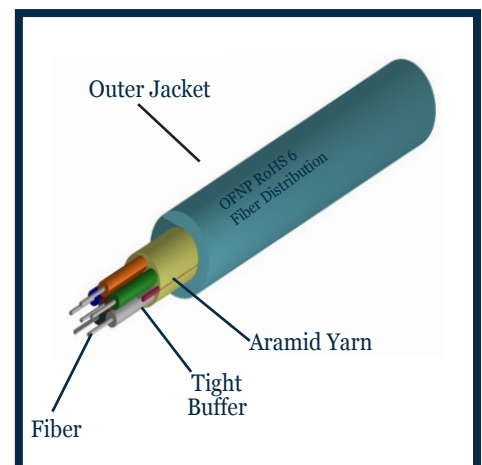
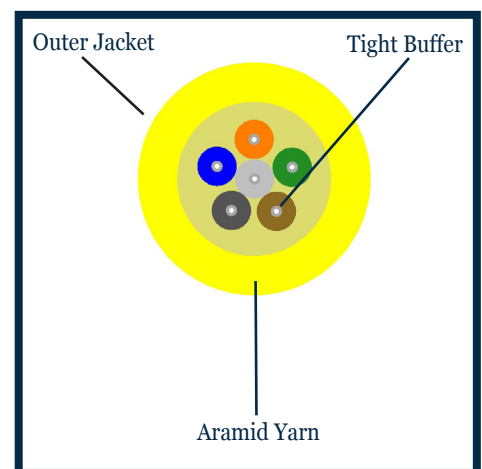
Standard surface print denotes construction, NEC rating, and fiber type, and includes footage markers.

Application

Plenum

Flame Rating

NFPA262



SPECIFICATIONS

Temperature Range		Indoor				
Storage Temperature		-40 C to +70 C				
Operating Temperature		0 C to +70 C				
Cable Characteristics						
Fiber Count		2, 4, 6, 8, 12, 24				
Outer Jacket Material		Flame Retardant PVC				
Outer Jacket Color		Available in 12 TIA/ EIA color standard				
Strength Member		Aramid Yarn				
Tight Buffer Material		Flame Retardant PVC				
Tight Buffer Color		Available in 12 TIA/ EIA color standard				
Physical Characteristics		Value (2/ 4/ 6/ 8/ 12/ 24 fiber count)				
Nominal Outer Diameter (mm)		4.4/ 4.4/ 4.8/ 5.8/ 5.8/ 7.8				
Weight (lbs/ km)		44/ 48/ 57/ 73/ 81/ 138				
Minimum Bend Radius, Installation (cm)		6.6/ 6.6/ 7.2/ 8.7/ 8.7/ 11.7				
Minimum Bend Radius, Operation (cm)		4.4/ 4.4/ 4.8/ 5.8/ 5.8/ 7.8				
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]	1310/ 1550	850/ 1300	850/1300	850/ 1300	850/ 1300	850/ 1300
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 (1/10Gb/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 @850nm	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		