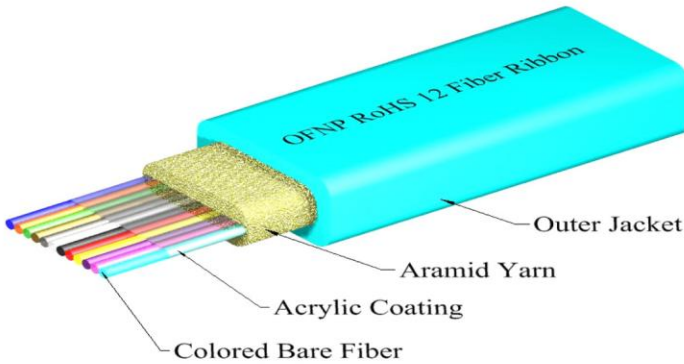
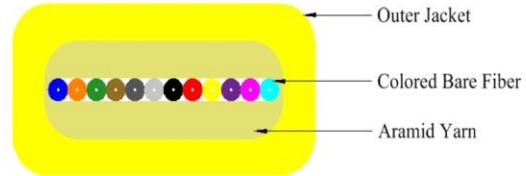


Ribbon Cable, Plenum



The Light Connections Distribution Cable is composed of 2 to 12 colored fiber, aramid yarn, and a PVC outer jacket. All component materials meet the EU RoHS and REACH Directive standards.

TLC Distribution Cable is available in 12 TIA standard colors or special order colors. 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

Standards

- NFPA262

Specifications

Temperature Range	
Storage Temperature	-40 C to +70 C
Operating Temperature	0 C to +70 C

Cable Characteristics	
Fiber Count	2, 4, 6, 8, 12
Outer Jacket Material	Flame Retardant PVC
Outer Jacket Color	Available in 12 TIA/ EIA color standard
Strength Member	Aramid Yarn

Physical Characteristics	Value
Nominal Outer Diameter (mm)	2.35 x 4.75
Weight (lbs/ km) of 2, 4, 6, 8, 12 (fiber count)	12/ 14/ 16/ 18/ 20
Minimum Bend Radius, Installation (cm)	3.525
Minimum Bend Radius, Operation (cm)	2.35

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

Part Numbers					
Fiber Count	Single Mode	OM1	OM2	OM3	OM4
2	S09RB02**NPY	M62RB02**NPO	M50RB02**NPA	M50RB02**NPA	M50RB02**NPA
4	S09RB04**NPY	M62RB04**NPO	M50RB04**NPA	M50RB04**NPA	M50RB04**NPA
6	S09RB06**NPY	M62RB06**NPO	M50RB06**NPA	M50RB06**NPA	M50RB06**NPA
8	S09RB08**NPY	M62RB08**NPO	M50RB08**NPA	M50RB08**NPA	M50RB08**NPA
12	S09RB12**NPY	M62RB12**NPO	M50RB12**NPA	M50RB12**NPA	M50RB12**NPA

Fiber Type (9/125)	**	Fiber Type (50/125)	**	Fiber Type (62.5/125)	**
SMF28e+	- C	ClearCurve OM2	- C2	InfiniCor 300	- C3
ClearCurve XB	- CB	ClearCurve OM3	- CG	InfiniCor 1000	- C1
ClearCurve LBL	- C7	ClearCurve OM4	- C4		
ClearCurve ZBL	- CC				