



PRODUCT DESCRIPTION

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

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

APPLICATION

- Plenum

FLAME RATING

- NFPA262

SPECIFICATIONS

Storage Temperature	-40 C to +70 C
Operating Temperature	0 C to +70 C
Fiber Count	2,4,6,8,12,24
Outer Jacket Material	Flame Retardant PVC
Strength Member	Aramid Yarn
Tight Buffer Material	Flame Retardant PVC

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
Min Bend Radius, Installation (cm)	6.6/ 6.6/ 7.2/ 8.7/ 8.7/ 11.7
Min Bend Radius, Operation (cm)	4.4/ 4.4/ 4.8/ 5.8/ 5.8/ 7.8

PERFORMANCE

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	(3.0/ 1.0) dB/ km	(3.0/ 1.0) dB/ km
Bandwidth (EMB) (High Performance)	-	220 MHz @850nm	750 MHz @850nm	2000 MHz @850nm	4700 MHz @850nm

ORDERING

Fiber count	Single Mode	OM1	OM2	OM3	OM4
2	FO-IN-TB-9-2-OFNP	FO-IN-TB-62.5-2-OFNP	FO-IN-TB-50-2-OFNP	FO-IN-TB-503-2-OFNP	FO-IN-TB-504-2-OFNP
4	FO-IN-TB-9-4-OFNP	FO-IN-TB-62.5-4-OFNP	FO-IN-TB-50-4-OFNP	FO-IN-TB-503-4-OFNP	FO-IN-TB-504-4-OFNP
6	FO-IN-TB-9-6-OFNP	FO-IN-TB-62.5-6-OFNP	FO-IN-TB-50-6-OFNP	FO-IN-TB-503-6-OFNP	FO-IN-TB-504-6-OFNP
8	FO-IN-TB-9-8-OFNP	FO-IN-TB-62.5-8-OFNP	FO-IN-TB-50-8-OFNP	FO-IN-TB-503-8-OFNP	FO-IN-TB-504-8-OFNP
12	FO-IN-TB-9-12-OFNP	FO-IN-TB-62.5-12-OFNP	FO-IN-TB-50-12-OFNP	FO-IN-TB-503-12-OFNP	FO-IN-TB-504-12-OFNP
24	FO-IN-TB-9-24-OFNP	FO-IN-TB-62.5-24-OFNP	FO-IN-TB-50-24-OFNP	FO-IN-TB-503-24-OFNP	FO-IN-TB-504-24-OFNP

