



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. Hyperline distribution Cable is available in 12 TIA standard colors or special-order colors. UL Listed OFNC 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
- Water Blocking aramid yarn strength members
- Exclusive use of Corning® optical fibers
- UV resistant Jacket, OFNR rated construction
- Jacket print ensures product identification and fiber compatibility
- Durable jacket offers added protection during installation and in rugged use applications

APPLICATION

- Riser Duct
Indoor

FLAME RATING

- UL 1666

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) | 4.40/ 4.80 / 5.30 / 5.80 / 6.30 / 8.10 |
| Weight (lbs/km) | 34 /45 /55 /70 /94 /120 |
| Min Bend Radius, Installation (cm) | 6.6/ 7.2 / 7.95 / 8.7/ 9.45 / 12.15 |
| Min Bend Radius, Operation (cm) | 4.40/ 4.80 / 5.30 / 5.80 / 6.30 / 8.10 |

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 | 850MHz @850nm | 2000 MHz @850nm | 4700 MHz @850nm |

ORDERING

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

