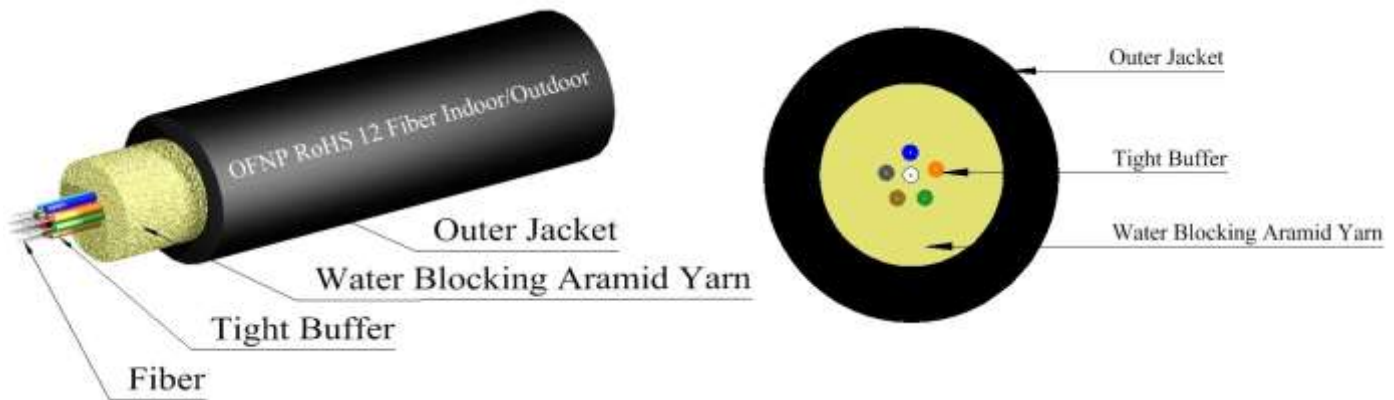


## Fiber Indoor-Outdoor Cable, Plenum



### Temperature Range

|                       |                |
|-----------------------|----------------|
| Storage Temperature   | -40 C to +70 C |
| Operating Temperature | -40 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

### Standards/ Value

|  |                                    |
|--|------------------------------------|
| Nominal Outer Diameter (mm) of 2, 4, 6, 8, 12, 24 (fiber count)            | 4.40/ 4.80/ 5.30/ 5.80/ 6.30/ 8.10 |
| Weight (lbs/ km) of 2, 4, 6, 8, 12, 24 (fiber count)                       | 40/ 52/ 64/ 87/ 115/ 140           |
| Minimum Bend Radius, Installation (cm) of 2, 4, 6, 8, 12, 24 (fiber count) | 6.6/ 7.2/ 7.95/ 8.7/ 9.45/ 12.15   |

|  |                                    |
|--|------------------------------------|
| Minimum Bend Radius, Operation (cm)<br>of 2, 4, 6, 8, 12, 24 (fiber count) | 4.40/ 4.80/ 5.30/ 5.80/ 6.30/ 8.10 |
|--|------------------------------------|

### 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)<br>(High Performance) | -                 | 220 MHz<br>@850nm | 850 MHz<br>@850nm | 2000 MHz<br>@850nm | 4700 MHz<br>@850nm |
| Link Length<br>(10Gb/ s)              | -                 | -                 | 150 mtr           | 300 mtr            | 550 mtr            |

