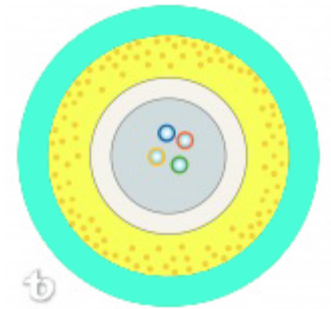


DLT-500-04/OM4 Dry Loose Tube

Part Number: **F30040118Z**

Applications: Campus Backbone, Campus Distribution cabling, General purpose all-dielectric outdoor LAN, General purpose indoor LAN, Outdoor Plant Duct Installation

General Construction: This gel free cable contains 4 MM OM4 color-coded optical fibers, each with a 250 um outer diameter. The optical fibers are contained in a loose tube including a swellable yarn to prevent the ingress of water. The tube is reinforced by fiber-glass strength yarns. An outer jacket is extruded over the yarns.



Outer Jacket Material: FR-LSZH
Outer Diameter: 7.0 mm nom.
Weight: 46 kg/km

Design & Materials

| | |
|----------------------------|-------------------|
| Buffer Material: | Polypropylene FR |
| Tube Diameter: | 3.1 mm nom. |
| Color Code: | Per TIA/EIA 598-D |
| Strength Elements: | E-Glass Yarns |
| Number of fibers: | 4 |
| Waterblocking: | Dry Waterblocking |
| Rip-Cord: | Yes |
| Outer Jacket Color: | Turquoise |

Standards

| | |
|------------------------------|--|
| Applicable Standards: | IEC 60794-1-21/22, IEC 60794 |
| Flammability Rating: | IEC 60332-1, IEC 60332-3 , IEC 60754-1/2, IEC 60754, IEC 61034, IEC 61034-1/2, EN 50575:2014 Dcas1d1a1 (CPR) |
| Installation: | Guidelines as per IEC TR 62691 |

Performance

| | |
|---|-------------|
| Max. Installation Tensile Load : | 1500 N max. |
| Max. fiber strain at MIT: | 0.6 % |
| Max. Residual Tension (MRS) : | 450 N max. |
| Max. Fiber Strain at MRS.: | 0.2 % |
| Impact Resistance: | 10 N*m |
| Impact Resistance: | 3 cycles |
| Max. Crush Resistance: | 400 N/cm |
| Min. Bend Radius for Installation: | 20xD mm |
| Min. Bend Radius for Operation: | 10xD mm |
| Repeated Bending: | 100 cycles |
| Torsion (L=125 x d): | 10 cycles |
| Max. Operating Temperature: | +70 °C |
| Min. Operating Temperature: | -20 °C |
| Max. Installation Temperature: | +45 °C |
| Min. Installation Temperature: | -10 °C |
| Max. Storage Temperature: | +70 °C |
| Min. Storage Temperature: | -40 °C |
| UV Resistance: | Yes |
| Waterblocking: | Yes |