

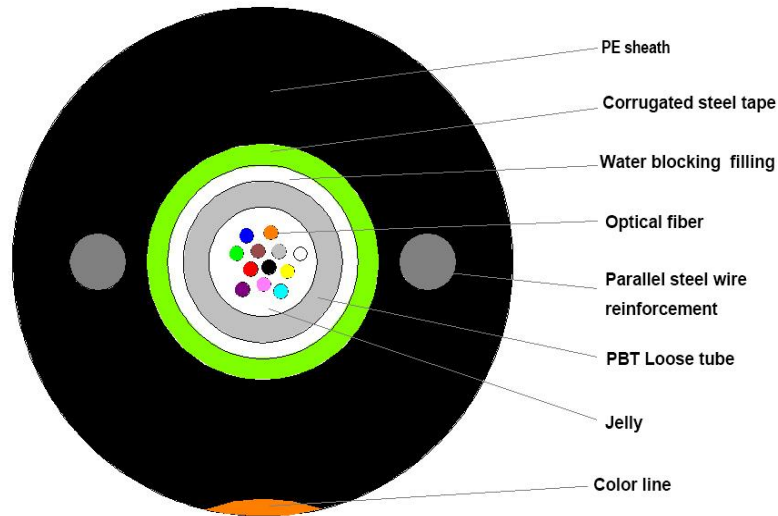


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## Discription

ProLink Single ARMOR CENTRAL LOOSE TUBE CABLE 8-CORE MULTI MODE 50/125 PER METER OM4 OD:10MM



| Items                                |        | Unit   | Specifications 50/125 |
|--------------------------------------|--------|--------|-----------------------|
| Core Diameter                        |        | μm     | 50.0±2.5              |
| Cladding Diameter                    |        | μm     | 124.8±1.0             |
| Cladding Non-Circularity             |        | %      | ≤1.0                  |
| Core-Cladding Concentricity Error    |        | μm     | ≤1.5                  |
| Coating Diameter                     |        | μm     | 245±7                 |
| Coating Non-Circularity              |        | %      | ≤6.0                  |
| Cladding-Coating Concentricity Error |        | μm     | ≤12.0                 |
| Bandwidth(min.)                      | 850nm  | MHz·km | 600                   |
|                                      | 1300nm | MHz·km | 1200                  |
| Attenuation Coefficient              | 850nm  | dB/km  | ≤3.5                  |
|                                      | 1300nm | dB/km  | ≤1.5                  |

## Cable Parameter

| Fiber Count           | Specifications |                                                                                 |
|-----------------------|----------------|---------------------------------------------------------------------------------|
| Fiber Count           | 8              |                                                                                 |
| Colored Coating Fiber | Dimension      | 250µm±15µm                                                                      |
|                       | Color          | Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Purple, Pink, Aqua |
| Loose Tube            | Dimension      | 2.10mm±0.05mm                                                                   |
|                       | Material       | PBT                                                                             |
|                       | Color          | Natural                                                                         |
| Strength Member       | Diameter       | 1.0mm                                                                           |
|                       | Material       | Steel                                                                           |
| Outer Jacket          | Dimension      | 9.0mm±0.3mm                                                                     |
|                       | Material       | PE                                                                              |
|                       | Color          | Black with purple                                                               |

## Mechanical and Environmental Characteristics

| Items                         | Unit                                 |
|-------------------------------|--------------------------------------|
| Tension (Long Term)           | 1201 N   269.996 lbf                 |
| Tension (Short Term)          | 2002 N   450.068 lbf                 |
| Minimum Bend Radius, loaded   | 231.1 mm   9.098 in                  |
| Minimum Bend Radius, unloaded | 170.2 mm   6.701 in                  |
| Installation Temperature      | -5 °C to +50 °C (+23 °F to +122 °F)  |
| Operating Temperature         | -10 °C to +70 °C (+14 °F to +158 °F) |
| Storage Temperature           | -10 °C to +70 °C (+14 °F to +158 °F) |