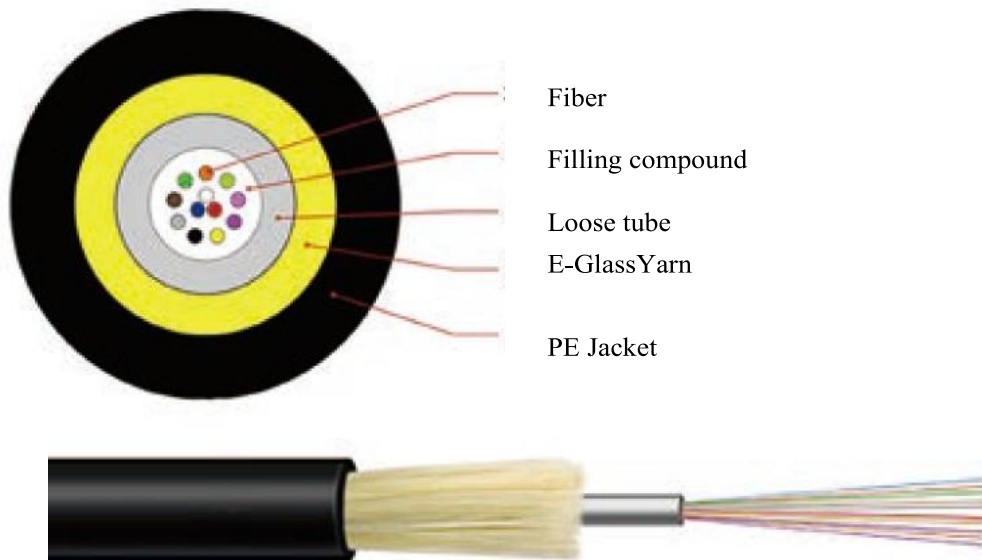


# GET Indoor& Outdoor Cable

PN: MMO-CAB-LT12FOOM4LSZH



## 1. Product description

GET Fiber optic cables are used in both indoor/outdoor optical cables with E-glass yarn for protection and waterproof. Light and small design is popular for aerial usage.

## 2. Characteristic

Full section water blocking structure, E-Glass yarn ensures good water resistance and lateral pressure resistance.

The special casing is filled with special ointment to protect the optical fiber.

Polyethylene sheath makes fiber optic cable have good UV resistance. The service life of the product is more than 30 years.

### 3. Technical parameter list

|                         |   |         |                     |
|-------------------------|---|---------|---------------------|
| Fibers                  |   | /       | 4-12                |
| Structure               |   | /       | 1                   |
| Optical fiber type      |   | /       | OM4                 |
| Loose tube              | Material Science                              | mm      | PBT                 |
|                         | Diam  |         | 1.8-2.0             |
|                         | wall thickness                                |         | 0.35±0.05mm         |
|                         | Number of cores per tube                      |         | 12 max              |
|                         | Chromatographic                               |         | Full chromatography |
| Aquiclude               | Material Science                              | /       | E-Glass yarn        |
|                         | wall thickness                                |         | 0.25                |
| Outer sheath            | Material Science                              | mm      | PE                  |
|                         | wall thickness                                |         | 1.5                 |
| Outer Jacket            |   | mm      | 6.0±0.2             |
| Weight                  |   | kg/km   | 60                  |
| Attenuation coefficient | 1310nm  | dB/km   | 0.35                |
|                         | 1550nm  |         | 0.21                |
| Tensile force           | Long  | N       | 600                 |
|                         | Short   |         | 1500                |
| Flattening force        | Long  | N/100mm | 300                 |
|                         | Short   |         | 1000                |
| Bending radius          | static state                                  | mm      | 10D                 |
|                         | dynamic                                       |         | 20D                 |
| temperature             | install                                       | °C      | -20~+60             |
|                         | Storage and transportation                    |         | -40~+70             |
|                         | work  |         | -40~+70             |
| Identification          | GET-××B1 YD/T 901-2021 ××××M Year             |         |                     |
|                         | (Or in accordance with customer requirements) |         |                     |

### 4. Fiber color

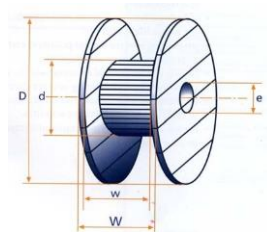
|              |   |   |   |  |   |   |
|--------------|---|---|---|--|---|---|
| <b>NO.</b>   | <b>1</b>  | <b>2</b>  | <b>3</b>  | <b>4</b>   | <b>5</b>  | <b>6</b>  |
| <b>color</b> | Blue  | Orange  | Green   | Brown  | Gray  | White   |
|              |  |  |  |  |  |  |
|              | <b>7</b>  | <b>8</b>  | <b>9</b>  | <b>10</b>  | <b>11</b>   | <b>12</b>   |
|              | Red   | Black   | Yellow  | Purple   | Pink  | Dark green  |
|              |  |  |  |  |  |  |

## 5. Fiber Parameter-OM4

| No. | Items                                | unit   | Specification |
|-----|--------------------------------------|--------|---------------|
|     |                                      |        | 10G-550 (OM4) |
| 1   | Core Diameter                        | μm     | 50.0±2.5      |
| 2   | Cladding Diameter                    | μm     | 124.8±1.0     |
| 3   | Core Non-Circularity                 | %      | ≤5.0          |
| 4   | Cladding Non-Circularity             | %      | ≤1.0          |
| 5   | Core-Cladding Concentricity Error    | μm     | ≤1.0          |
| 6   | Coating Diameter                     | μm     | 245±7         |
| 7   | Coating Non-Circularity              | %      | ≤6.0          |
| 8   | Cladding-Coating Concentricity Error | μm     | ≤12.0         |
| 9   | OFL Bandwidth                        | 850nm  | MHz·km ≥3500  |
|     |                                      | 1300nm | MHz·km ≥500   |
| 10  | Effective Modal Bandwidth            | 850nm  | MHz·km ≥4700  |
|     |                                      | 1300nm | MHz·km ≥500   |
| 11  | Attenuation Coefficient              | 850nm  | dB/km ≤2.3    |
|     |                                      | 1300nm | dB/km ≤0.6    |

## 6. PACKING AND DRUM

6.1 Our cables are packed in wooden axles, coiled on Bakelite & wooden reel. During transportation, right tool should be used to avoid damaging the package, and handle carefully. Cables should be protected from moisture; Cables should be kept away from high temperature condition and spark; Cables should be protected from over bending and crushing; Cables should be protected from mechanical damage.



6.2 The color of marking is white. (At every meter, the outer sheath of the fiber cable shall be printed) Outer sheath making legend can be changed according to user's requests.

6.3 Outdoor cable packing. Bakelite & wooden drum.  
Strong wooden batten protection.