**Fiber Cable**

**Outdoor / Indoor Cable**

### Features

- **Outdoor Central Tube Armor Fiber Optics Cable**
  - Available in Multimode / Singlemode
  - Cables are water blocked
  - Outer jacket is moisture-resistant, fungus and rodent resistant and UV resistant for outdoor use
  - With a plenum rating, this cable can be used in all environmental plenum, riser and general environment

- **Indoor Distribution Buffered Fiber Cable**
  - Available in Multimode / Singlemode
  - Single strand
  - Provide the strength and flexibility required
  - for today’s fiber interconnect application
  - Plenum, Riser and LSZH, available in all diameter

### Specifications

#### Outdoor Central Tube Armor Fiber Optics Cable

<table>
<thead>
<tr>
<th>Model</th>
<th>GYXTW2</th>
<th>GYXTW4</th>
<th>GYXTW6</th>
<th>GYXTW8</th>
<th>GYXTW12</th>
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</thead>
<tbody>
<tr>
<td>Number of Fiber</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>12</td>
</tr>
</tbody>
</table>

- **Strength Member**
  - Material: Steel wire

- **Loose Rube**
  - Material: Polybutylene Terephthalate (PBT)

- **Wrap Tape**
  - Material: Water swellable tape

- **Armoring**
  - Material: Corrugated steel tape
  - Thickness (mm): 0.15 steel tape coated 0.05

- **Jacket**
  - Material: PE water resistant grade
  - Thickness (mm): Normal 1 ~ 2 mm

- **Cable Diameter**
  - 8.3mm ±0.2 mm

- **Cable Weight**
  - 100 kg/km

- **Minimum Bending Radius**
  - Long term: 10 times of OD, Short term: 5 times of OD

- **Maximum Tension (N)**

- **Maximum Crush Resistance (N/per 100cm)**
  - Long term: 700, Short term: 1500

- **Temperature**
  - Temperature Storage and Installation: -20°C ~ +55°C

#### Indoor Distribution Buffered Fiber Cable

<table>
<thead>
<tr>
<th>Model</th>
<th>EG004SB</th>
<th>EG006SB</th>
<th>EG008SB</th>
<th>EG0012SB</th>
<th>EG0024SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Fibres</td>
<td>4</td>
<td>6</td>
<td>8</td>
<td>12</td>
<td>24</td>
</tr>
</tbody>
</table>

- **Cable Diameter**
  - ±5 mm, ±5.5 mm, ±6 mm, ±6.5 mm, ±8.5 mm

- **Maximum Cable Weight**
  - Long Term: 50 kg / km, 50 kg / km, 50 kg / km, 60 kg / km, 65 kg / km

- **Minimum Bending Radius**
  - Long Term: 100 mm, 100 mm, 100 mm, 130 mm, 230 mm
  - Short Term: 50 mm, 50 mm, 50 mm, 75 mm, 115 mm

- **Operation Temperature Range**
  - -20°C ~ +55°C

- **Installation Storage Temperature**
  - -40°C ~ +70°C

**Central Tube Cable**

- **Cable overall diameter:** 8.3 mm ± 5%

1. Fiber
2. Loose tube
3. Jelly
4. Steel wire
5. Wrap tape
6. Corrugated steel tape
7. PE jacket
8. Non-Corrosive compound – UV and Water resistant

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**Specifications subject to change without notice.**