Central Tube Armored Double Sheathed Optical Cables

**General Information**
- Applied to outdoor and directly buried installation
- Designed for outdoor and direct buried type application and also to protect optical fiber for the unexpected mechanical and environmental conditions.
- Qualification and acceptance testing are performed to assure the optical cable’s performance and durability in several environments.

**Features and Benefits**
- Fiber counts up to 12
- Light weight
- High tensile strength design
- Dry core design
- Small diameter
- Colored fiber for the quick identification
- UV resistance for the outer sheath
- Fully complies with international standards, TIA/EIA
- Customer designs are available on request

**Applications**
- Building interconnection
- Campus and Local Area Network

**Cable Weight & Diameter**

<table>
<thead>
<tr>
<th>Item</th>
<th>Number of Tube</th>
<th>Nom Outer Diameter mm</th>
<th>Nom Cable Weight Kg/km</th>
<th>Reel Length Km*</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>10,5</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>10,5</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>6</td>
<td>10,5</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>10,5</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>10,5</td>
<td>110</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>10,5</td>
<td>110</td>
<td>2</td>
</tr>
</tbody>
</table>

(*) Other delivery length is available
Identification of Optical Fiber and Loose Tube

<table>
<thead>
<tr>
<th>No</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber</td>
<td>Blue</td>
<td>Orange</td>
<td>Green</td>
<td>Red</td>
<td>Yellow</td>
<td>Violet</td>
<td>Brown</td>
<td>Black</td>
<td>White</td>
<td>Grey</td>
<td>Turquoise</td>
<td>Pink</td>
</tr>
</tbody>
</table>

Color of loose tube is natural.

Type Code of Optical Cable

A-DQ (BN) 2Y (SR) 2Y mnx .....................N CT

Refer to the type code of the optical cables for the description of the cable code.

Length Marking On The Cable

The outer sheath will be marked in one meter intervals as follows:

TURKUAZ CABLE  < Year of manufacturing >
< number and type of fiber >
< length marking in meter >

Color of Sheath and Material

Inner/Outer shear materials are MDPE-HDPE-LDPE and outer sheath color is black. Other color can be applied in customer request.

Packing

Shipment will be done with non-returnable wooden drums with protection.

TURKUAZ Cable Design Information

Fiber Type SM 9/125(G.652 d), SM 9/125(G.655),
MM 62,5/125 – MM 50/125

Central tube design (Single Loose Tube, SLT)

UV resistance Outer Sheath

LSZH or HFFR Sheathing is also possible for indoor applications

Peripheral Strength Member is Glass yarn or Aramid yarn is also possible per customer requests.