**Aerial - ADSS Multitube Single Sheath**

**Construction Details**

Optical fibers are placed inside filled buffer tubes containing gel. The core is constructed by stranding the buffer tubes around a central strength member. The core is covered with a water-blocking tape. Aramid yarns and a black outer sheath are applied. Ripcord is included under outer sheath for ease of entry.

**Specifications**

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Number of Fibers per tube</th>
<th>Number of tubes</th>
<th>Diameter (mm)</th>
<th>Cable Weight (kg/km)</th>
<th>Tensile Strength (N)</th>
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<tbody>
<tr>
<td>2-12F</td>
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**Environmental Specifications (Temperature)**

Operation and Storage: -40°C to +70°C
Installation: -30°C to +75°C

**Standards Compliant**

- ITU-T
- Telecordia GR-20
- EIA/TIA
- IEC 60793 & 60794
- EN187000
- RUS1755.900

**Features**

- This design offers a reliable transmission performance over a broad temperature range.
- Multiple fiber types, including hybrid.
- High Fiber density.
- Anti-Tracking option available
- Multiple Network applications

**Applications**

- Direct Buried, Underground duct, Aerial
- Trunk distribution and feeder cable
- Metro, Long Haul and broadband network

**Product Options**

- Available with all kinds of Single Mode and Multimode fibers.
- Length option of 2.0, 3.0, 4.0 km.

[www.hfcl.com](http://www.hfcl.com)
Multitube Double Sheath

Construction Details

Optical fibers are placed inside filled buffer tubes containing gel. The core is constructed by stranding the buffer tubes around a central member. The core is wrapped with flexible strength members covered with a water-blocking tape, then encased with a black inner sheath. Aramid yarns and a black outer jacket are applied. Ripcords are included under each sheath for ease of entry.

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Features

- This design offers a reliable transmission performance over a broad temperature range
- Multiple fiber types, including hybrid
- High Fiber density
- Improved compressive strength
- Double sheath design makes it rugged
- Anti-tracking option available
- Multiple Network applications

Applications

- Direct Buried, underground duct
- Trunk distribution and feeder cable
- Metro, Long Haul and broadband network

Product Options

- Available with all kinds of Single Mode and Multimode fibers.
- Length option of 2.0, 4.0 km.
Multitube Single Sheath

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- Anti-Tracking option available
- Multiple Network applications

Applications

- Direct Buried, Underground duct, Aerial
- Trunk distribution and feeder cable
- Metro, Long Haul and broadband network

Product Options

- Available with all kinds of Single Mode and Multimode fibers.
- Length option of 2.0, 3.0, 4.0 km.
- Loose Tube options in PP/PBT/PC with Gel/Dry Gel/Polymer Matrix Gel/Swellable Yarn

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