ESCON Patchcord

Description:

ESCON Series duplex fiber optic interconnect products are fully compatible with ESCON I/O interfaces as defined in IBM document SA22-7202-00. The Enterprise Systems Connection Architecture ESCON is a channel interconnection environment developed by IBM to take advantage of fiber media and dynamic connectivity. ESCON connector is available in singlemode and multimode versions.

Features:

- IBM ESCON compatible
- Retractable shroud ferrule protection permits easy cleaning
- 17.78 mm (0.7 inch) ferrule centerline spacing
- Superior ferrule suspension and float
- Enhanced strain relief
- Multimode and singlemode
- Bend limiting boot accommodates duplex round or zipcord cable
- ESCON compatible to ST, SC, FC, Biconic and FDDI hybrid assemblies

Specifications:

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion loss (IL)</td>
<td>typ. 0.20 dB</td>
</tr>
<tr>
<td>Return loss (RL)</td>
<td>&gt;40 dB for jumpers up to 3 m</td>
</tr>
<tr>
<td>Strain relief</td>
<td>200 N</td>
</tr>
<tr>
<td>Operating temperature</td>
<td>-20°C to +70°C</td>
</tr>
<tr>
<td>Durability</td>
<td>min 500 cycles</td>
</tr>
<tr>
<td>Assembly procedure</td>
<td>glue and polish</td>
</tr>
<tr>
<td>Connection</td>
<td>physical contact</td>
</tr>
<tr>
<td>Lock mechanism</td>
<td>snap-on</td>
</tr>
<tr>
<td>Standards</td>
<td>IBM SA22-7202-00</td>
</tr>
<tr>
<td>Ferrule material</td>
<td>zirconia or thermopolymer</td>
</tr>
</tbody>
</table>

Application:

- IBM ESCON data network
Ordering code:

\[
\text{AAA} \cdot XX \ XXX \ - \ XX \ - \ (XX)^1 \ - \ XXX \\
\text{XX-color} \quad \text{XXX-length [m]}
\]

**Connector Type**
- **EC**: Duplex ESCON

**Description**
- **X**: type (pigtail or jumper)
  - **J**: jumper
  - **PT**: pigtail tight buffered, strip in one shot 0.5 – 2 cm
  - **PS**: pigtail semitight, strip in one shot 5 – 10 cm
  - **PJ**: pigtail loose tube - jelly filled
  - **PD**: pigtail loose tube - dry

**XX**: diameter of cable, fiber
- **D3**: dualan cable Ø 5 mm
- **D8**: duplex zipcord 2.8 x 5.5 mm
- **RC**: ribbon cable

**XXX**: type of fiber
- **OM1**: MM 62.5/125 µm
- **OM2**: MM 50/125 µm
- **OM3**: MM 50/125 µm
- **S2D**: SM 9/125 µm (G.652D)
- **S5X²**: SM 9/125 µm (G.655X)
- **S7X²**: SM 9/125 µm (G.657X)

**Color Code**:
- **BK**: Black
- **BN**: Brown
- **RD**: Red
- **OG**: Orange
- **YE**: Yellow
- **GN**: Green
- **BU**: Blue
- **VT**: Violet
- **GY**: Grey
- **WH**: White
- **PK**: Pink
- **TQ**: Turquoise

**Dimensions**:
- **4.4**
- **2.5**: min.
- **26.65**
- **9.17**
- **7.1**
- **70**
- **38.7**
- **4.5**

**Samples**