FC Connectors

FCコネクタ

- Optimum optical performance through Adamant high quality ferrules
- Wide selection of ferrule specifications
- Available in both Narrow-key and Wide-key
- Ferrule inspection data sheet supplied with all shipments

特性/Specifications

- IEC 61754-13: Type FC connectorに準拠
- Tekordia GR-326-CORE対応
- 適用ファイバ：SM (9/125), MM (50/125, 62.5/125)
- 插入損失*: コネクタ: 0.1dB (SM), 0.1dB (MM)
- アダプタ: 0.6dB (APC用)
- 反射減衰伝: ±55dB (SM), ±70dB (APC), ±30dB (MM)
- 動作温度範囲: -40℃〜+85℃
- 温度安定性: ±0.3dB (−40℃〜+85℃)
- 繰り返し特性: ±0.2dB (500回)

*自社マスターコードによる

Based on IEC 61754-13: Type FC connector
- Tekordia GR-326-CORE tested
- Fiber types: SM (9/125), MM (50/125, 62.5/125)
- Insertion Loss*: Connector: 0.1dB (SM), 0.1dB (MM)
- Adapter: ±0.6dB (APC)
- Return Loss*: ±55dB (SM), ±70dB (APC), ±30dB (MM)
- Operation Temperature: −40℃〜+85℃
- Temperature Stability: ±0.3dB (−40℃〜+85℃)
- Mating Durability: ±0.2dB (500 times)

*Tested against Master Connector

外観/Appearance

Fiber Jacket φ 0.9mm
Dimension: Millimeters

D-hole Adapter

Fiber Cable φ 2.0mm

オーダーコード/Ordering Codes

＜コネクタ/Connectors＞

<table>
<thead>
<tr>
<th>Form Variants</th>
<th>Ferrule Concentricity</th>
<th>Ferrule Inside Diameter</th>
<th>Boot Color (φ2.0mm, φ3.0mm, φ3.0mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0721: FC-φ0.9</td>
<td>05: 0.5μm (SM)</td>
<td>250: φ0.1250mm (SM)</td>
<td>1: Blue (SM)</td>
</tr>
<tr>
<td>0725: FC-φ0.9 (APC)</td>
<td>10: 1.0μm (SM)</td>
<td>255: φ0.1255mm (SM)</td>
<td>5: Green (APC)</td>
</tr>
<tr>
<td>0723: FC-φ2.0</td>
<td>14: 1.5μm (SM)</td>
<td>250: φ0.1250mm (SM)</td>
<td>2: White (MM)</td>
</tr>
<tr>
<td>0726: FC-φ2.0 (APC)</td>
<td>30: 3.0μm (SM)</td>
<td>255: φ0.1255mm (SM)</td>
<td>6: Yellow</td>
</tr>
<tr>
<td>0724: FC-φ3.0</td>
<td>40: 4.0μm (SM)</td>
<td>260: φ0.1250mm (SM, MM)</td>
<td>3: Black (φ3.0)</td>
</tr>
<tr>
<td>0727: FC-φ3.0 (APC)</td>
<td>50: 5.0μm (SM)</td>
<td>270: φ0.1270mm (MM)</td>
<td>4: Red</td>
</tr>
</tbody>
</table>

＜アダプタ/Adapters＞

<table>
<thead>
<tr>
<th>Form Variants</th>
<th>Type Variants</th>
</tr>
</thead>
<tbody>
<tr>
<td>240C: FCアダプタ/FC Adapter</td>
<td>2401: FC Dホールアダプタ/FC D-hole Adapter</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Form Variants</th>
<th>Width of Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>2401: FC D-hole Adapter</td>
<td>12.14mm (APC)</td>
</tr>
<tr>
<td>2401: AN 20.33mm (APC Narrow)</td>
<td>12.15mm (APC Wide)</td>
</tr>
</tbody>
</table>

Key Width
N: 2.14mm (APC)
R: 2.00mm (PC)
LC Tuning Tool

- Designed for LC connectors
- 6 directions for adjustment
- Six positions LC plug tuning tool

Ordering Code/Ordering Code:
ATL-0702 LC Tuning Tool

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Crimp Tool for LC, MU

- Useful for LC, MU Connectors
- LC, MU Jumper type connector crimp tool

Ordering Code/Ordering Code:
ATL-0665 LC Crimping Tool / Crimp Tool for LC Jumper & 9
ATL-0782 MU Crimping Tool / Crimp Tool for MU

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Cleaning Support Tool for Converting Adapter

- Designed for converting adapter
- Cleaning support tool for LC-SC and MU-SC converting adapter

Ordering Code/Ordering Code:
ATL-0668 Cleaning Support Tool for LC-SC and MU-SC Converting Adapter

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Jacket Stripping Machine

- Machine to remove fiber jackets
- For fiber optic applications

Ordering Code/Ordering Code:
FS-1 Jacket Stripping Machine
ATL-0702 FC Jacket Stripping Machine
ATL-FSRB FS-1 Spare Blade / Replacement Blade for ATL-FS-1

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Ruby Knife with Handle for Fiber Optics

- Tool to cut bare fiber in connector assembly
- Designed for fiber optic applications

Ordering Code/Ordering Code:
ATL-1603 Ruby Knife with Handle for Fiber Optics
ATL-1604 ATL-1603 Spare Blade / Replacement Blade for ATL-1603