**Optical Fiber Keystone Connector Modules**

Signamax Connectivity Systems offers a wide range of keystone connector modules designed to create a customized multimedia solution in any single or double gang faceplate or surface mount box.

Optical Fiber Modules bring ST, SC, LC and MT-RJ fiber connectors to the workstation. Fiber couplers are provided with phosphor bronze sleeves suitable for both multimode and singlemode applications.

**KEY FEATURES**

- Guaranteed to meet or exceed TIA-568-C.3 performance requirements
- Multi-purpose keystone design – equally suitable as a work area outlet and a patch panel port
- Available in OM1, OM2, OM3, and singlemode versions
- Adapters are equipped with phosphor bronze sleeves supporting both multimode and singlemode connections

**ORDERING INFORMATION**

### ST Optical Fiber Connector Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Standard color:</th>
<th>For other colors add the following to P/N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMK-ST</td>
<td>ST MM/SM Keystone Connector Module</td>
<td>Light Ivory</td>
<td>-BK (Black) -GY (Gray) -WH (White)</td>
</tr>
</tbody>
</table>

### SC Optical Fiber Connector Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Standard color:</th>
<th>For other colors add the following to P/N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMK-SC</td>
<td>SC MM/SM Keystone Connector Module</td>
<td>Light Ivory</td>
<td>-BK (Black) -GY (Gray) -WH (White)</td>
</tr>
</tbody>
</table>

### MT-RJ Optical Fiber Connector Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Standard color:</th>
<th>For other colors add the following to P/N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMK-MTRJ</td>
<td>MT-RJ MM/SM Keystone Connector Module</td>
<td>Light Ivory</td>
<td>-BK (Black) -GY (Gray) -WH (White)</td>
</tr>
</tbody>
</table>

### LC Optical Fiber Connector Modules

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Standard color:</th>
<th>For other colors add the following to P/N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMK-LC</td>
<td>LC MM/SM Keystone Connector Module</td>
<td>Light Ivory</td>
<td>-BK (Black) -GY (Gray) -WH (White)</td>
</tr>
</tbody>
</table>

### Blank Keystone Module

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Standard color:</th>
<th>For other colors add the following to P/N:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CMK-BL</td>
<td>Blank Keystone Module</td>
<td>Light Ivory</td>
<td>-BK (Black) -GY (Gray) -WH (White)</td>
</tr>
</tbody>
</table>

Optionally, SC and LC connector modules can be ordered with adapter body colors corresponding to the standard specifications:

- OM1 (Beige)
- OM2 (Black)
- OM3 (Aqua)
- OS1 (Blue)
Optical Fiber Keystone Connector Modules

SPECIFICATIONS

- **TRANSMISSION PERFORMANCE**
  ANSI/TIA-568-C.3: meets or exceeds performance specifications

- **TRANSMISSION MEDIA**
  Multimode (OM1, OM2, OM3) and singlemode (OS1) optical fiber with 125 µm cladding diameter

- **CONNECTOR TYPE**
  FOCIS-compliant ST, SC, MT-RJ, and LC

- **OPTICAL**
  Insertion loss: 0.2 dB typical
  Insertion loss increase after 500 mating cycles: 0.1 dB

- **CONSTRUCTION**
  Housing: high impact thermoplastic, UL94V-0 fire retardant
  Alignment sleeve: phosphor bronze

- **MECHANICAL**
  Alignment sleeve retention force: 200–600 gf
  Mating cycle life: min 500 cycles

- **FOOTPRINT**
  Standard keystone footprint

- **MOUNTING DIMENSIONS:**
  SC: D 28 mm H 19.3 mm W 16.9 mm
  D 1.1 in H 0.76 in W 0.67 in
  LC: D 25 mm H 19.3 mm W 16.9 mm
  D 1.0 in H 0.76 in W 0.67 in
  MT-RJ: D 28 mm H 19.3 mm W 16.9 mm
  D 1.1 in H 0.76 in W 0.67 in
  ST: D 30 mm H 19.3 mm W 16.9 mm
  D 1.2 in H 0.76 in W 0.67 in

- **ENVIRONMENTAL CONDITIONS**
  Storage: -40°C – +85°C (-40°F – +185°F)
  Operation: -40°C – +85°C (-40°F – +185°F)
  RH (operation): max non-condensing 93%

- **COMPLIANCE**
  ANSI/TIA-568-C.3, FOCIS, UL 94V-0

- **APPLICATIONS**
  FOIRL, 10BASE-FL, 10BASE-FB, 10BASE-SX, Token Ring 4/16, 100VG-Any LAN, 100BASE-FX, 100BASE-SX, FDDI, ATM 52/155/622,
  Fibre Channel 266/1062, 1000BASE-SX, 1000BASE-LX, 10GBASE-S, 10GBASE-L, 10GBASE-E, 10GBASE-LX4

- **WARRANTY**
  5-year limited component warranty
  10-year Signamax Link/Channel Warranty
  15-year Signamax Extended Component Warranty
  25-year Signamax Cabling System Warranty

RELATED PRODUCTS

Product/Product Group

- Keystone Faceplates
- 106-Type and Decora Faceplates and Adapters
- Modular Furniture Keystone Adapters
- Surface Mount Multimedia Boxes
- Multimedia Patch Panels

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