

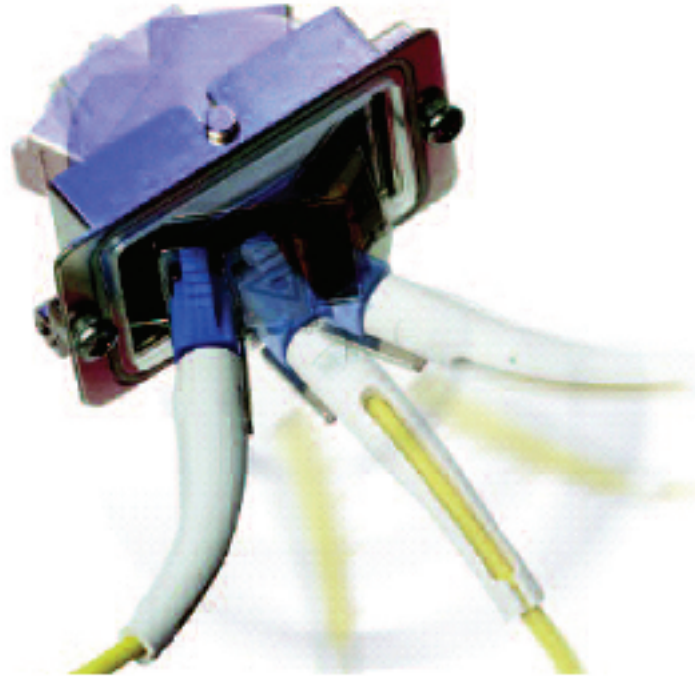
86114 MPO
86115 LC Duplex
86116 SC

Directional flexibility and Electro Magnetic Interference (EMI) protection provided with Molex's swivel adapters

Swivel EMI Adapters provide a flexible means of re-positioning the cable-exit angle off the face-plate, in the factory or the in the field, without disassembly or need for custom modules and cards. Available in LC duplex, SC simplex or MPO simplex, the adapters allow the cable-exit angle to be re-positioned from the standard straight-mount position (90° to the face-plate) to +/- 35° in either direction.

Swivel EMI adapters allow the flexibility for an attached cable assembly to be routed to either the left or right side of the frame for horizontal-mounted adapters and up or down for vertically-mounted adapters. The adapters allow the user to change easily the routing direction as needed, depending on which side the card is to be installed or which direction the cable needs to be routed.

The swivel EMI adapters utilize a die-cast adapter with EMI gasketing to minimize EMI leakage. A locking set-screw is also provided to fix the angle position during initial assembly. The swivel EMI adapter is available for either single mode or multimode applications. Swivel adapters are also available in a non-EMI version assembled with standard polymer adapters and without EMI gaskets.



Features and Benefits

- Flexible positioning of the adapter angle allows directional cable routing
- Horizontal or vertical mounting can be used in many applications
- Positive stop angle settings maintains the set adapter angle
- Utilizes standard die-cast EMI adapters providing EMI protection in all angles
- Common panel cut-out for all styles allows interchangeability between LC, SC and MPO adapters styles
- Shuttered adapters provide eye safety and dust control
- Non-EMI adapter styles available providing cost control when EMI suppression is not required

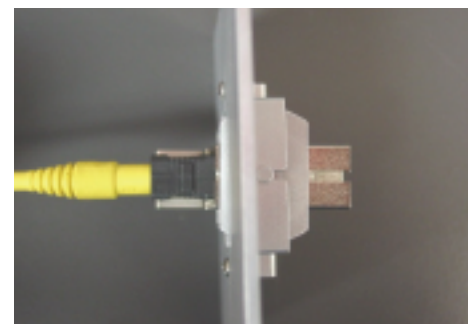
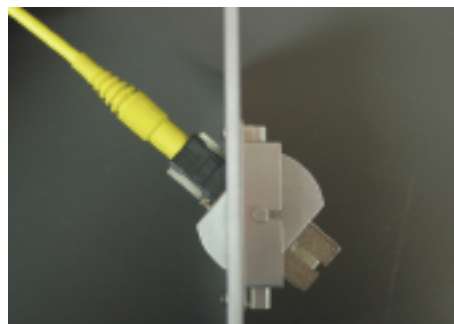
SPECIFICATIONS

Reference Information

Packaging: Individual bag
 Mates With: Standard LC Duplex, MPO and SC connectors
 Designed In: Inches

Physical

Housing: Zinc die-cast
 Alignment Sleeve: Zirconia Ceramic
 Operating Temperature: -40 to +85° C
 EMI Gasketing: Conductive fabric over foam and conductive silicone



APPLICATIONS



Swivel EMI Shielding Adapters

- Telecommunication/CATV Equipment
 - Horizontally mounted cards
 - Vertically mounted cards
 - Optical modules
- Industrial Equipment
 - High EMI and RFI areas
- Other Markets
 - Test equipment
 - Medical applications

86114 MPO
86115 LC Duplex
86116 SC



MPO LC SC
Front View



SC LC MPO
Rear View

ORDERING INFORMATION

| Order No. | Adapter | Adapter Style | Fiber Type |
|------------|-------------|---------------|--------------------------|
| 86114-9500 | MPO Simplex | Die-cast EMI | Single mode or Multimode |
| 86115-9500 | LC Duplex | Die-cast EMI | Single mode or Multimode |
| 86116-9500 | SC Simplex | Die-cast EMI | Single mode or Multimode |

Americas Headquarters
Lisle, Illinois 60532 U.S.A.
1-800-78MOLEX
amerinfo@molex.com

Far East North Headquarters
Yamato, Kanagawa, Japan
81-462-65-2324
feninfo@molex.com

Far East South Headquarters
Jurong, Singapore
65-6-268-6868
fesinfo@molex.com

European Headquarters
Munich, Germany
49-89-413092-0
eurinfo@molex.com

Corporate Headquarters
2222 Wellington Ct.
Lisle, IL 60532 U.S.A.
630-969-4550
Fax:630-969-1352

Visit our Web site at <http://www.molex.com/product/fiber/emiadapter.html>