

# Molex Fiber Optics



## SC Connectors

106032, 106033, 106063 & 106066 Series

### Connectors (PC)

125 $\mu$ m <sup>1</sup>	125.5 $\mu$ m <sup>1</sup>	126 $\mu$ m <sup>1</sup>	127 $\mu$ m <sup>2</sup>	128 $\mu$ m <sup>2</sup>	Boot Size
<b>Simplex Straight Boot</b>					
106032-4050	106032-2050	106032-5050	106032-0060	106032-3060	3.0mm
106032-4150	106032-2150	106032-5150	106032-0160	106032-3160	1.6mm
--	106032-2510	106032-5510	106032-0560	106032-3560	900 $\mu$ m
<b>Simplex 90° Boot</b>					
106063-4400	106063-2400	106063-5400	106063-0460	106063-3460	3.0mm
106063-4600	106063-2600	106063-5600	106063-7600	--	2.4mm
<b>Simplex 45° Boot</b>					
106032-4115	106032-2115	106032-5115	106032-0115	106032-3115	3.0mm
106032-4130	106032-2130	106032-5135	106032-0130	106032-3130	1.6mm
<b>Duplex Straight Boot</b>					
106066-4000	106066-2000	106066-5000	106066-0000	106066-3000	3.0mm
106066-4300	--	106066-5300	106066-0300	--	2.4mm
<b>Duplex 90° Boot</b>					
106066-4400	--	106066-5400	106066-0400	106066-3400	3.0mm
106066-4600	--	106066-5600	106066-0600	--	2.4mm

<sup>1</sup> Single mode - Blue Body / White Boot (Straight Boots) - Yellow Boot (90° & 45°) - Blue Boot (All Duplex)

<sup>2</sup> Multimode - Beige Body / Beige Boot

### Singlemode Connectors (APC)

125 $\mu$ m	125.5 $\mu$ m	126 $\mu$ m	Boot Size	Body Color	Boot Color
<b>Simplex Straight Boot</b>					
106033-4000	106033-2000	106033-5000	3.0mm	Green	Green
106033-4100	106033-2100	106033-5100	1.6mm	Green	Green
106033-4500	106033-2500	106033-5500	900 $\mu$ m	Green	Green
<b>Simplex 90° Boot</b>					
106033-4400	106033-2400	106033-5400	3.0mm	Green	Green

## Molex Fiber Optics



### SC Adapters

106160, 106161, 106166 & 106167 Series

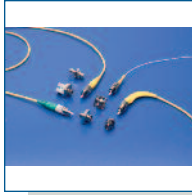
#### Simplex Adapters

Snap / Screw	Snap / Small	Snap / Small (Shutter)	Sleeve	Color
106160-2000	106171-0100	106171-0500	Metal	Black
106161-2000	106170-0100	106170-0500	Zirconia	Black
106160-5000	--	--	Metal	Beige
106161-5000	--	106170-0560	Zirconia	Beige
106160-0000	106171-0150	106171-0550	Metal	Blue
106161-0000	106170-0150	106170-0550	Zirconia	Blue
106160-3000	106171-0120	106171-0520	Metal	Green
106161-3000	106170-0120	106170-0520	Zirconia	Green
--	106171-0180	--	Metal	Metalized
--	106170-0180	106170-0580	Zirconia	Metalized

#### Duplex Adapters

Snap / Screw	Snap / Screw (Shutter)	Sleeve	Color
106167-0030	106167-0530	Metal	Black
106166-0030	106166-0530	Zirconia	Black
106167-0010	106167-0510	Metal	Beige
106166-0010	106166-0510	Zirconia	Beige
106167-0000	106167-0500	Metal	Blue
106166-0000	106166-0500	Zirconia	Blue
106167-0050	106167-0550	Metal	Green
106166-0050	106166-0550	Zirconia	Green
106167-0070	106167-0710	Metal	Aqua

## Molex Fiber Optics



### FC Connectors & Adapters

106053, 106055, 106152 & 106156 Series

#### Connectors (PC)

125 $\mu$ m <sup>1</sup>	125.5 $\mu$ m <sup>1</sup>	126 $\mu$ m <sup>1</sup>	127 $\mu$ m <sup>2</sup>	128 $\mu$ m <sup>2</sup>	Boot Size
<b>Simplex Straight Boot</b>					
106053-4000	106053-2000	106053-5000	106053-0000	106053-3000	3.0mm
106053-4100	106053-2100	106053-5100	106053-0100	106053-3170	1.6 - 2.0mm
106053-4500	106053-2500	106053-5500	106053-0500	106053-3500	900 $\mu$ m
<b>Simplex 90° Boot</b>					
--	--	106053-5400	--	--	3.0mm

<sup>1</sup> Single mode - Metallic Body / Yellow Boot

<sup>2</sup> Multimode - Metallic Body / Black Boot

#### Singlemode Connectors (APC)

125 $\mu$ m	125.5 $\mu$ m	126 $\mu$ m	Boot Size	Body Color	Boot Color
<b>Simplex Straight Boot</b>					
106055-4000	106055-2000	106055-5000	3.0mm	Green	Green
106055-4500	--	106055-5500	900 $\mu$ m	Green	Green
<b>Simplex 90° Boot</b>					
106055-4400	106055-2400	106055-5400	3.0mm	Green	Green
--	--	106055-5600	2.4mm	Green	Green

#### Adapters

Part Number	Type	Sleeve	Flange	Color
106152-0100	Single Mode	Zirconia	Square	Metallic
106156-0100	Multimode	Phosphor Bronze	Square	Metallic
106152-1000	Single Mode	Zirconia	D-Hole	Metallic
106156-1000	Multimode	Phosphor Bronze	D-Hole	Metallic
106152-2000	Single Mode (APC)	Zirconia	Square	Metallic
106152-3000	Single Mode (APC)	Zirconia	D-Hole	Metallic
106156-3000	Single Mode (APC)	Phosphor Bronze	D-Hole	Metallic

# Molex Fiber Optics



## LC Connectors

106024, 106025, 106026 & 106027 Series

### Connectors (PC)

125 $\mu$ m <sup>1</sup>	125.5 $\mu$ m <sup>1</sup>	126 $\mu$ m <sup>1</sup>	127 $\mu$ m <sup>2</sup>	Boot Size
<b>Simplex Straight Boot</b>				
106024-4250	106024-2250	106024-5250	106024-3250	3.0mm
106024-4300	106024-2300	106024-5300	106024-3300	2.0mm
106024-4000	106024-2000	106024-5000	106024-3000	1.6mm
106024-4500	106024-2700	106024-5500	106024-3500	900 $\mu$ m
<b>Simplex 90° Boot</b>				
106024-4600	106024-2600	106024-5600	106024-3600	2.0mm
106024-4400	106024-2400	106024-5400	106024-3400	1.6mm
<b>Simplex 45° Boot</b>				
106024-7155	106024-7175	106024-7145	106024-7185	2.0mm
106024-7150	106024-7170	106024-7140	106024-7180	1.6mm
<b>Duplex Straight Boot</b>				
106025-4300	106025-2300	106025-5300	106025-3300	2.0mm
106025-4000	106025-2000	106025-5000	106025-3000	1.6mm
<b>Duplex Straight Boot w/ Clip</b>				
106025-4150	106025-2150	106025-5150	106025-3150	3.0mm
--	106025-2900	106025-5800	106025-3800	2.0mm
<b>Duplex 90° Boot</b>				
--	106025-7420	106025-7454	106025-7471	2.0mm
<b>Duplex 45° Boot</b>				
106025-7155	106025-7175	106025-7145	106025-7185	2.0mm
106025-7150	106025-7170	106025-7140	106025-7180	1.6mm

<sup>1</sup> Single mode - Blue Body / White Boot

<sup>2</sup> Multimode - Beige Body / White Boot

### Singlemode Connectors (APC)

125 $\mu$ m	125.5 $\mu$ m	126 $\mu$ m	Boot Size	Body Color	Boot Color
<b>Simplex Straight Boot</b>					
106026-4250	106026-2250	106026-5250	3.0mm	Green	Green
<b>Simplex 90° Boot</b>					
106026-4600	106026-2600	106026-5600	2.0mm	Green	Green
106026-4400	106026-2400	106026-5400	1.6mm	Green	Green
<b>Duplex Straight Boot</b>					
106027-4250	106027-2250	106027-5250	3.0mm	Green	Green
<b>Duplex 90° Boot</b>					
106027-4600	106027-2600	106027-5600	2.0mm	Green	Green
106027-4400	106027-2400	106027-5400	1.6mm	Green	Green

Specifications may change without notice

STANDARD CONNECTORS & ADAPTERS / A-12

# Molex Fiber Optics



## LC Adapters

106123, 106124, 106125, 106126 & 106127 Series

### Simplex Adapters

Snap	Snap - Low Profile	Sleeve	Color
106124-0110	106124-0010	Metal	Beige
106124-1110	106124-1010	Zirconia	Beige
--	106124-1200	Zirconia	Aqua
106124-0100	106124-0000	Metal	Blue
106124-1100	106124-1000	Zirconia	Blue
106124-1150	106124-1050	Zirconia	Green

### Duplex Adapters - MTRJ Mount

Snap	Snap - Low Profile	Retaining Clip	Sleeve	Color
106125-0110	106125-0010	106125-0210	Metal	Beige
106125-1110	106125-1010	106125-1210	Zirconia	Beige
106125-0120	--	--	Metal	Aqua
106125-0100	106125-0000	106125-0200	Metal	Blue
106125-1100	106125-1000	106125-1200	Zirconia	Blue
106125-1150	106125-1050	106125-1250	Zirconia	Green

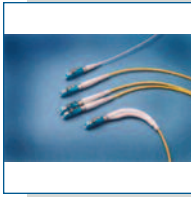
### Duplex Adapters - SC Simplex Mount

Snap	Snap w/ Shutter	Screw	Screw w/ Shutter	Sleeve	Color
106126-0410	106127-0410	106126-0310	106127-0310	Metal	Beige
--	106127-1610	--	--	Metal	Aqua
106126-0690	106127-0690	106126-0590	106127-0590	Metal	Die-Cast
106126-1400	106127-1400	106126-1300	106127-1300	Zirconia	Blue
106126-1430	--	--	--	Zirconia	Aqua
106126-1450	106127-1450	106126-1350	106127-1350	Zirconia	Green
106126-1690	106127-1690	106126-1590	106127-1590	Zirconia	Die-Cast

### Quad Adapters - SC Duplex Mount

Snap	Snap w/ Shutter	Screw	Screw w/ Shutter	Sleeve	Color
106123-1300	106123-1400	106123-1100	106123-1200	Metal	Beige
106123-3300	106123-3400	106123-3100	106123-3200	Metal	Aqua
106123-0300	106123-0400	106123-0100	106123-0200	Zirconia	Blue
106123-2300	106123-2400	106123-2100	106123-2200	Zirconia	Green

## Molex Fiber Optics



### LC2 Metal Bodied Connectors

#### 106387 Series

Innovatively designed LC-2 connectors are a ruggedized, all-metalhoused version of the familiar LC Small Form Factor optical connectors. Molex's LC2 connectors incorporate the ceramic ferrule based, LumaCore™ optical terminus technology. The terminus is designed to achieve superior optical performance in a durable housing that is 100% compatible with the industry standard LC connectors and adapters.

Molex's LC2 connectors provide a high-performance, discrete-fiber termination solution for use in equipment designed for severe environments, including military COTS, aviation and aerospace applications. The LC2 connectors are capable of continuous operating temperatures of 135°C with short term temperatures of up to 150°C when used with high temperature optical fibers. Using Molex's LumaCore technology, LC2 connectors are complimentary to other field proven LumaCore based products. The LC2 connector provides a color-coded, anodized aluminum housing with a stainless-steel latching mechanism to ensure optimal LC performance in harsh mechanical and environmental environments. In addition, the housings can be removed as needed without disruption of the terminus or crimped jacketing. When terminated, LC2 connectors meet a minimum of all the performance requirements of Telcordia GR-326-CORE and FOCIS-10.

#### Single Mode Connectors

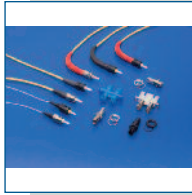
125.5µm	126µm	Body Color	Boot Size
<b>Straight Boot</b>			
106387-1327	106387-1329	Blue	3.0mm
106387-1302	106387-1304	Blue	2.0mm
106387-1927	106387-1929	Blue	1.6mm
106387-1902	106387-1904	Blue	900µm
<b>90° Boot</b>			
106387-1362	106387-1364	Blue	2.0mm
106387-1987	106387-1989	Blue	1.6mm
<b>45° Boot</b>			
106387-1352	106387-1354	Blue	2.0mm
106387-1977	106387-1979	Blue	1.6mm

#### Multimode Connectors

127µm	142µm	172µm	Body Color	Boot Size
<b>Straight Boot</b>				
106387-1527	106387-1529	106387-1531	Gold	3.0mm
106387-1502	106387-1504	106387-1507	Gold	2.0mm
106387-2127	106387-2129	106387-2131	Gold	1.6mm
106387-2102	106387-2104	16387-2106	Gold	900µm
<b>90° Boot</b>				
106387-1562	106387-1564	106387-1567	Gold	2.0mm
106387-2187	106387-2189	106387-2191	Gold	1.6mm
<b>45° Boot</b>				
106387-1552	106387-1554	106387-1557	Gold	2.0mm
106387-2177	106387-2179	106387-2181	Gold	1.6mm



# Molex Fiber Optics



## ST Connectors & Adapters

106010, 106012, 106110, 106112 & 106113 Series

### Connectors - Polymer Coupling Nut

125 $\mu$ m <sup>1</sup>	125.5 $\mu$ m <sup>1</sup>	126 $\mu$ m <sup>1</sup>	127 $\mu$ m <sup>2</sup>	128 $\mu$ m <sup>2</sup>	Boot Size
<b>Simplex Straight Boot</b>					
106010-4000	106010-2000	106010-5000	106010-0000	106010-3000	3.0mm
--	106010-2100	106010-5100	106010-0100	106010-3100	1.6mm
--	106010-2500	106010-5500	106010-0500	106010-3500	900 $\mu$ m
<b>Simplex 90° Boot</b>					
--	106010-2400	106010-5400	106010-0400	106010-3400	3.0mm

<sup>1</sup> Single mode - Black Body / Black Boot

<sup>2</sup> Multimode - Black Body / Black Boot

### Connectors - Metal Coupling Nut

125 $\mu$ m <sup>1</sup>	125.5 $\mu$ m <sup>1</sup>	126 $\mu$ m <sup>1</sup>	127 $\mu$ m <sup>2</sup>	128 $\mu$ m <sup>2</sup>	Boot Size
<b>Simplex Straight Boot</b>					
--	106012-2200	106012-5200	106012-0200	106012-3200	3.0mm
--	106012-2100	106012-5100	106012-0100	106012-3100	1.6mm
--	106012-2500	106012-5500	106012-0500	106012-3500	900 $\mu$ m
<b>Simplex 90° Boot</b>					
--	--	106012-5400	106012-0400	106012-3400	3.0mm

<sup>1</sup> Single mode - Black Body / Black Boot

<sup>2</sup> Multimode - Black Body / Black Boot

### Adapters

Part Number	Type	Sleeve	Flange	Color
<b>Die-Cast Body</b>				
106110-1000	Single Mode	Zirconia	DD-Hole	Metallic
106112-1000	Multimode	Phosphor Bronze	DD-Hole	Metallic
106113-1100	Multimode	Polymer	DD-Hole	Metallic
<b>Polymer Body</b>				
106110-0000	Single Mode	Zirconia	DD-Hole	Black
106110-0040	Single Mode	Zirconia	DD-Hole	Yellow
106110-0090	Single Mode	Zirconia	DD-Hole	Gray
106112-0000	Multimode	Phosphor Bronze	DD-Hole	Black
106113-0000	Multimode	Polymer	DD-Hole	Black

## Molex Fiber Optics



### MT-RJ Connectors & Adapters

106002, 106003 & 106102 Series

#### Connectors

Straight Boot		90° Boot		Boot Color
Male	Female	Male	Female	
<b>Multimode</b>				
106002-3000	106003-3000	106002-3400	106003-3400	Beige
106002-3030	106003-3030	106002-3430	106003-3430	Black
<b>Single Mode</b>				
106002-5000	106003-5000	106002-5400	106003-5400	Blue

#### Adapters

MT-RJ Cut-out	SC Cut-out	Color
106102-0000	106102-0100	Black



### ESCON Connectors & Adapters

106040, 106140, 106142 & 106143 Series

#### Connectors

127µm	128µm	Boot Size
106040-0100	106040-3100	4.8mm
106040-0200	--	Zipcord

#### ESCON to ESCON Adapters

Snap	Flange	Sleeve
106142-2400	106142-2300	Metal
106140-2400	106140-2300	Zirconia

#### ESCON to ST Adapters

Flange	Small Flange	Sleeve
106143-1000	106143-0000	Plastic
106140-1000	106140-0000	Zirconia



### FDDI Connectors & Adapters

106030, 106130 & 106133 Series

#### Connectors

127µm	128µm	Boot Size
106030-0000	106030-3000	4.2mm
106030-0100	106030-3100	4.8mm
106030-0290	106030-3200	Zipcord

#### FDDI to ST Adapters

Snap	Flange	Sleeve
106133-0500	106133-0600	Plastic
106130-0500	106130-0600	Zirconia