



CONNECTORS

Features:

- Industry Standard FC/PC, FC/APC, SC/PC, SC/APC, LC/PC, LC/APC, E2000, ST and SMA connectors
- Precision components for low insertion losses and return losses
- A wide variety of connector types and configurations.
- Telcordia tested

Applications:

- All types of fiber termination tasks.



Connectors

Product Description:

OZ Optics stocks a variety of male connectors to perform your own fiber terminations. Our connectors are precision made and tested to exacting standards to ensure top performance. Our connectors have been tested in a variety of applications and environment conditions, from medical equipment to industrial lasers, underwater and in space. We also provide termination kits. These kits provide all the tools necessary to make your own manual fiber terminations in the field.

ORDERING INFORMATION

Order Examples For Standard Parts:

Table 1. Connectors

BC#	OZ Part #	Description
9122	SMPC-23-125-1	FC Connector with 125 μ m ferrule for 1 mm jacket, singlemode male connector.
25287	SMPC-23-81-1	FC/PC connector with 81 μ m ID ceramic ferrule for 1 mm jacketed fiber.
60	SMPC-28-126-3	ST connector, with 126 μ m ID zirconia ferrule for 3 mm OD jacket.
29314	SMPC-2LC-126-1	LC Connector with 126 μ m hole and white cone shaped buffer boot for 900 μ m OD fiber.
32772	SMPC-2LC-81-1	LC connector with 81 μ m ID ceramic ferrule for 0.9 mm OD jacket.
16557	SMPC-2SC-125-1	SC connector with 125 μ m hole size zirconia ferrule. For 1 mm OD fibers and for SPC and UPC polish types. With blue color housing and blue color boot.
8109	PMPC-23S-126-1	FC/SPC connector with 126 μ m ID ferrule for 1 mm jacket.
2916	PMPC-28-126-3-SP	ST II type connector with 126 μ m ID zirconia ferrule, for 3 mm OD jacket.
1815	PMPC-2SC-3-APC SC/APC	Connector housing for 3 mm OD jacket.
2718	PMPC-2SC-1-SPC	SC connector housing for super PC or ultra PC polishing for 1 mm fiber.
11004	PMPC-LC-125-1	PM LC connector with 125 μ m ID ferrule for 1 mm jacket.
11002	PMPC-LCA-125-1	Angle LC connector with 125 μ m ID zirconia ferrule for 1 mm jacket.
41458	PMPC-MUA-125-1	MU APC connector.
1692	MMPC-23-3-SP	FC connector housing for 3 mm OD cable SP=with black boot for 3 mm OD cable.
3974	MMPC-25-126-ZR	SMA 905 connector with 126 μ m ID zirconia ferrule.
3711	MMPC-25-144-ZR	SMA 905 connector with 144 μ m ID zirconia ferrule.

Table 1. Connectors (continued)

BC#	OZ Part #	Description
70	MMPC-25-230-3	SMA 905 connector with 230 µm ID ferrule for 3 mm OD jacket.
75	MMPC-25-450-3	SMA 905 connector with 450 µm ID metal ferrule for 3 mm OD jacket.
1702	MMPC-25-640-3	SMA 905 connector with 640 µm ID metal ferrule for 3 mm OD jacket.
61	MMPC-28-127-3	ST connector with 127 µm ID zirconia ferrule for 3 mm OD jacket.
14810	MMPC-2LC-126-1	LC connector, with 126 µm zirconia ferrule for 1 mm cable.
14047	MMPC-2SC-126-3-DUP	SC duplex connector, with 126 µm ferrule for 3 mm cable.
49730	E2000-MM-PC-127	E2000 connector with 127 µm hole, beige color housing for PC finish for multimode fiber applications.

Table 2. Termination Kits

BC#	OZ Part #	Description
22279	OFOC-01-2.5U	Termination Kit for 2.5mm OD ferrules
2592	OFOC-01-3	Termination Kit for FC/PC connectors
9602	OFOC-P1-3	Termination Kit for PM FC/PC connectors
34794	OFOC-01-3&3A	Termination Kit for FC/PC and FC/APC connectors.
38688	OFOC-P1-3A	Termination Kit for PM Angle FC/APC connectors
4540	OFOC-01-5	Termination Kit for SMA 905 connectors
1573	OFOC-01-8	Termination Kit for ST connectors
24651	OFOC-01-FC/SC/ST UNIVERSAL	Termination kit for FC/PC, SC and ST connectors (without Heat Oven)

Ordering Information for custom parts:

Male connectors:

E = Fiber Type
 M for Multimode Fiber
 S for Singlemode Fiber
 P for Polarization Maintaining Fiber

X = Connector Style
 3S = Super NTT-FC/PC
 3A = Angled NTT-FC/PC
 SC = SC
 SCA = Angled SC
 LC = LC/PC
 LCA = Angled L
 5 = SMA 905
 8 = AT&T-ST

FMPC-2X-b-JD

JD = Fiber Jacket type
 1 forunjacketed or 900 micron OD tight or loose tube jacketing
 3 for 3mm OD Kevlar reinforced PVC cable
 3A for 3mm OD metal armoured cable
 5A for 5mm OD metal armoured cable

b = ferrule hole size, in microns 79, 80, 81, 82, 83, 124, 125, 126, and 127 available for FC connectors. Ask for other connector types

Termination Kits

E = Fiber Type
 01 for Singlemode or Multimode Fiber
 P1 for Polarization Maintaining Fiber

OFOC-E-X

X = Connector Style
 2.5U = 2.5mm diameter ferrules
 3 = Super NTT-FC/PC or Ultra NTT-FC/PC
 3A = Angled NTT-FC/PC
 SC = SC
 SCA = Angled SC
 5 = SMA 905
 8 = AT&T-ST