



CFU Simplex Optical Connectors

The **CFU** series of Optical Simplex Connectors provide a simple and fast way to terminate fiber optic cables in the field.

CFU series are Optical Simplex Connectors featuring UPC pre-polished for a high return loss with high precision all ceramic zirconium ferrules.

The CFU series is a Professional grade Optical Simplex Connectors, therefore each Optical Simplex Connector is individually tested and verified to fully meet the specifications at 100%.

The CFU series is manufactured with high quality materials and fire retardant (UL 94 V-0) plastics.

CFU have a standard relief boot suitable (TPE) for 900 μ m, 2.00 mm and 3.00 mm cable diameters

The CFU series of Optical Simplex Connectors features these characteristics:

- UPC Polished Zirconium Ceramic Ferrules
- Fire retardant (UL 94 V-0) plastics
- 100% Tested and verified
- Packed individually in zip cord plastic bag
- Dust cover
- 900 μ m, 2.00 mm and 3.00 mm cable diameters Tension relief boots

Features

- **RoHS compliant**
- **UL 94 V-0**
- **GR326-CORE**
- **TIA/EIA 310-D**
- **CEA 310**
- **ANSI/TIA/EIA 568B.2**
- **ANSI/ICEA S-102-700**
- **DIN 41494-7**
- **ISO/IEC 11801**
- **DIN 41494-8**
- **NEMA WC66**
- **IEC 60297**
- **EN 50173-1**
- **IEC 60297-3-100**
- **IEC 60297-3-101**
- **IEC 60297-3-102**
- **IEC 60297-3-103**
- **IEC 60297-3-104**
- **IEC 60297-3-105**
- **IEC 61754-13**
- **TIA/EIA 598**
- **Temperature: -40°C~85°C**
- **Humidity: 0%~95% RH**



ST



SC



FC



LC



MTRJ



UL1863
Communications-Circuit
Accessories



AVAILABLE CONNECTORS (ALL SIMPLEX MALE CONNECTORS, UPC PRE-POLISHED)

	MULTIMODE 50/125 μm and 62.5/125 μm					SINGLEMODE 9/125 μm				
Type of Connector	ST	FC	LC	SC	MTRJ	ST	FC	LC	SC	MTRJ
Designator	T	F	L	S	M	T	F	L	S	M
Ferrule Diameter (mm)	2.5	2.5	1.25	2.5	2.45	2.5	2.5	1.25	2.5	2.45
Ferrule Internal Hole	127 μm					126 μm				
Body Material	Zinc/Nickel		Thermoplastic			Zinc/Nickel		Thermoplastic		
Insertion Loss	<= 0.2 dB									
Return Loss	>= 40 dB					>= 55 dB				
Apex Offset	<= 50 microns									
Cable Retention	<= 0.2 dB, Magnitude 90N									
Interchangeability	<= 0.2 dB									
Salt Spray	<= 0.1 dB									
Repeatability	<= 0.1 dB (1000 times)									
Drop	<= 0.2 dB (1.5 mt, 5 drops)									
Vibration	<= 0.2 dB (550Hz 1.5mm)									

ORDERING GUIDE, SELECT DESIRED VALUES, SEPARTED BY -

CFU	- MM /SM	-CA
CFU	Fiber Type	Connector Type
	MM = Multimode SM = Singlemode	F = FC/UPC L = LC/UPC S = SC/UPC T = ST/UPC M=MTRJ/UPC

Example: CFU-SM-F, Stands for Profesional Simplex Connector UPC Singlemode, FC type