



PT Simplex Optical Pigtails

The **PT** series of Optical Simplex Pigtails are a great choice for data centers and field installations.

These PT series are Optical Simplex Pigtails featuring UPC polished connectors for a high return loss with high precision all ceramic zirconium ferrules.

The PT series is our Professional grade Optical Simplex Pigtails, therefore each Optical Simplex Pigtails are individually tested (both ways) and verified to fully meet the specifications at 100%.

The PT series is manufactured with high quality tight buffer 900 μ m fiber optic cable, rated LSZH and fire retardant (UL 94 V-0)

The fully assembled PT Optical Simplex Pigtails is a dielectric, sealed, corrosion resistant unit that is used in fiber optic distributors or patch panels.

The PT Optical Simplex Pigtails cord features these characteristics:

- UPC Polished Zirconium Ceramic Ferrules
- LSZH, fire retardant 900 μ m tight buffer cable
- 100% Tested and verified
- Packed individually in zip cord plastic bag
- Dust cover
- 900 μ m 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**
- **TIA/EIA 598**
- **Temperature: -40°C~85°C**
- **Humidity: 0%~95% RH**



UL1863
Communications-Circuit
Accessories





PT Simplex Optical Pigtails

AVAILABLE CONNECTORS (ALL SIMPLEX MALE CONNECTORS, UPC POLISHED)

MULTIMODE						SINGLEMODE				
Type of Connector	ST	FC	LC	SC	MTRJ	ST	FC	LC	SC	MTRJ
Designator	T	F	L	S	M	T	F	L	S	M
Body Material	Zinc/Nickel		Thermoplastic			Zinc/Nickel		Thermoplastic		
Insertion Loss	<= 0.2 dB									
Return Loss	>= 40 dB					>= 55 dB				
Apex Offset	<= 50 microns									
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)									

AVAILABLE FIBER OPTIC CABLE (Simplex, 900 µm buffer, LSZH)

	MULTIMODE				SINGLEMODE	
	OM1	OM2	OM3	OM4	OS1	OS2
Designator	OM1	OM2	OM3	OM4	OS1	OS2
Fiber Core Diameter	62.5 µm	50 µm	50 µm	50 µm	9 µm	9 µm
Fiber Cladding Diameter	125 µm	125 µm	125 µm	125 µm	125 µm	125 µm
Wavelengths	850 / 1300 nm				1310, 1550 nm	
Notes	Laser Optimized OM3-10G, OM4-100G.				G.652D	G.657
Jacket Color	Orange		Aqua		Yellow	

ORDERING GUIDE, SELECT DESIRED VALUES, SEPARTED BY -

PT	- OM1/OM2/OM3/OS1/OS2	-CA	-XXM
PT	Fiber Type	Connector A	Length
	OM1 = Multimode 62.5/125 OM2 = Multimode 50/125 OM3 = Multimode 50/125 (10G) OM4 = Multimode 50/125 (10G, 40G, 100G) OS1 = Singlemode 9/125, G.652D OS2 = Singlemode 9/125, G.657	F = FC/UPC L = LC/UPC S = SC/UPC T = ST/UPC M=MTRJ/UPC	Length in meters

Example: PT-OM3-T-3M, Stands for Profesional Simplex Multimode 50/125, ST Pigtail, 3 meter length