



fiber optic patch cords & pigtails



OptoNETs patch cords and pigtails are manufactured in state-of-the-art manufacturing facilities with advanced polishing and assembly processes. All patch cords can be ordered in simplex or duplex configurations with Low Smoke Zero Halogen (OFN-LS) patch cord designs. The advanced polishing process and measuring equipment allows to manufacture the highest quality patch cords and pigtails needed for today's stringent optical networks and systems. Precise control of polishing process and stringent test requirements yield low insertion loss patch cords and pigtails every time. All OptoNETs patch cords and pigtails are compliant with EIA/TIA 568A, TIA 604 FOCIS 2 for optical performance and intermateability.

Features

- All ceramic ferrules for maximum optical and mechanical performance
- All patch cords and pigtails are 100% optically inspected and tested
- Custom print legends and jacket colors available
- Individually labeled with unique ID for traceability
- A variety of boot styles and colors available
- Compliant with EIA/TIA and TIA 604 FOCIS 2 for optical performance and intermateability

Applications

- LAN and WAN (Ethernet, FDDI and Fiber Channel)
- Test equipment
- CCTV
- Security

Technical specifications

	62,5/125	50/125	9/125
Maximum Insertion Loss (@850nm)	0.3 dB	0.3 dB	0.3db
Typical Insertion Loss	0.2 dB	0.2 dB	0.2db
Typical Return Loss	-30 dB	-30 dB	-45dB (PC)
			-55 dB (UPC)
			-60 dB (APC)
Cable Retention (900 um)	2 lbs.	2 lbs .	2 lbs.
Cable Retention (Patchcord)	20 lbs.	20 lbs .	20 lbs.
Mating Durability (500 cycles)	<0.2 dB	<0.2 dB	<0.2 dB
Temperature Stability (-40°C to +85°C)	<0.3 dB	<0.3 dB	<0.3 dB
Ferrule Material	Ceramic	Ceramic	Ceramic
Housing Material	Composite	Composite	Composite

Ordering information

PC patch cord	9 9/125	S Simplex	CONN1		CONN2		3.0 3,0mm	01 1 meter
			T ST	P PC	T ST	P PC		
PT pigtail	5 50/125	D Duplex	S SC	U UPC	S SC	U UPC	2.8 2,8mm	1.5 1,5 meter
			L LC	A APC 8°	L LC	A APC 8°	2.6 2,6mm	02 2 meter
	6 62,5/125	MC Mode conditioning	F FC	A9 APC 9°	F FC	A9 APC 9°	2.4 2,4mm	03 3 meter
	O OM3		MT MTRJ		MT MTRJ		1.8 1,8mm	05 5 meter
			E E2000		E E2000		250 250µ	7.5 7,5 meter
			M MU		M MU		900 900µ	10 10 meter

Example:

PC9D-SUSU-3.0-02 SC/UPC-SC/UPC SM 9/125 LSZH 3mm Duplex Patchcord 2 meter

PT5-SP900-01 SC/PC MM 50/125 LSZH 900µ Pigtail 1 meter