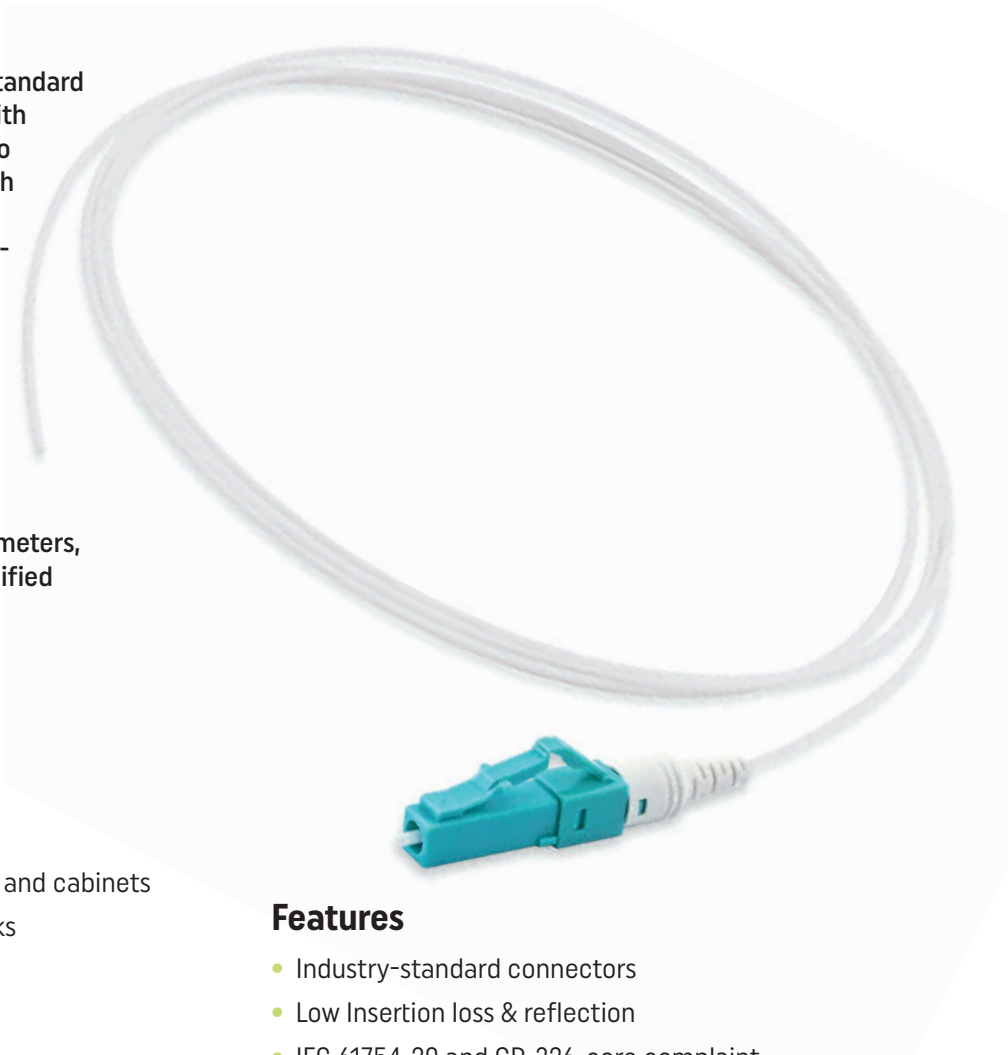


DSPT Optical Pigtaills

Our DSPT series fiber optic pigtaills are standard products – optical pigtaills terminated with a connector at one end - that are used to terminate optical cables into racks, patch panels and closures. Our fusion splicing method offers the best possible performance for fiber optic cable terminations.

DSPT series pigtaills are manufactured in both singlemode or multimode versions, from fiber with 0.9 mm semi-tight or easy-strip jacketing; or from 2.0 mm LSZH simplex cable. The primary jacket is 245±10µm.

Standard lengths are 1.0 1.5, 2.0 and 3.0 meters, but pigtaills can be produced in any specified lengths, upon order.



Applications

- Datacenter and LAN applications
- Fusion splicing into patch panels and cabinets
- Optical communications networks
- Access networks
- Telecommunication Networks

Features

- Industry-standard connectors
- Low Insertion loss & reflection
- IEC 61754-20 and GR-326-core complaint
- RoHS/REACH and UL94-V0 compliant

Specifications

LC, SC, FC, ST, E2000	SM APC	SM PC	MM PC
Insertion loss (IL) typ	0.15 dB	0.15 dB	0.15 dB
Insertion loss (IL) max	0.30 dB	0.4 dB	0.4 dB
Return loss (RL)	> 65 dB	> 55 dB	> 30 dB
Mating cycles	min 1000 cycles		
Assembly	glue and polish		
Temperature cycling	-25 to +70 C, 12 cycles		
Fiber (Pigtail) retention	5N, 60s		
Ferrule material	ceramic zirconia		
Connector material	PBT/UL 94-V0		

ORDERING CODES

DSPT: Optical Pigtails

DS	PT	-	✓	-	✓	-	???	-	✓	
										Fiber Type
			S2							OS2 SM 09/125 μm
			M1							OM1 MM 62.5/125 μm
			M2							OM2 MM 50/125 μm
			M3							OM3 MM 50/125 μm
			M4							OM4 MM 50/125 μm
			M5							OM5 MM 50/125 μm
										Connector
			E2							E2000/PC
			E2A							E2000/APC
			LC							LC/PC
			LCA							LC/APC
			SC							SC/PC
			SCA							SC/APC
			FC							FC/PC
			FCA							FC/APC
			ST							ST
			SMA							SMA
			MTR							MTRJ
							3.0			Fiber Length(m)
										Jacket Style
									S	Semi-tight 0.9 mm
									E	Easy-strip 0.9 mm
									C	Cable 2.0 mm
Example										
DS	PT	-	M3	-	LC	-	3.0	-	E	INTELDAT pigtail, 50/125 OM3 fiber, LC/PC connector, 3.0 m length, easy-strip fiber
*Special configurations can be provided assembled in accordance with your requirements										