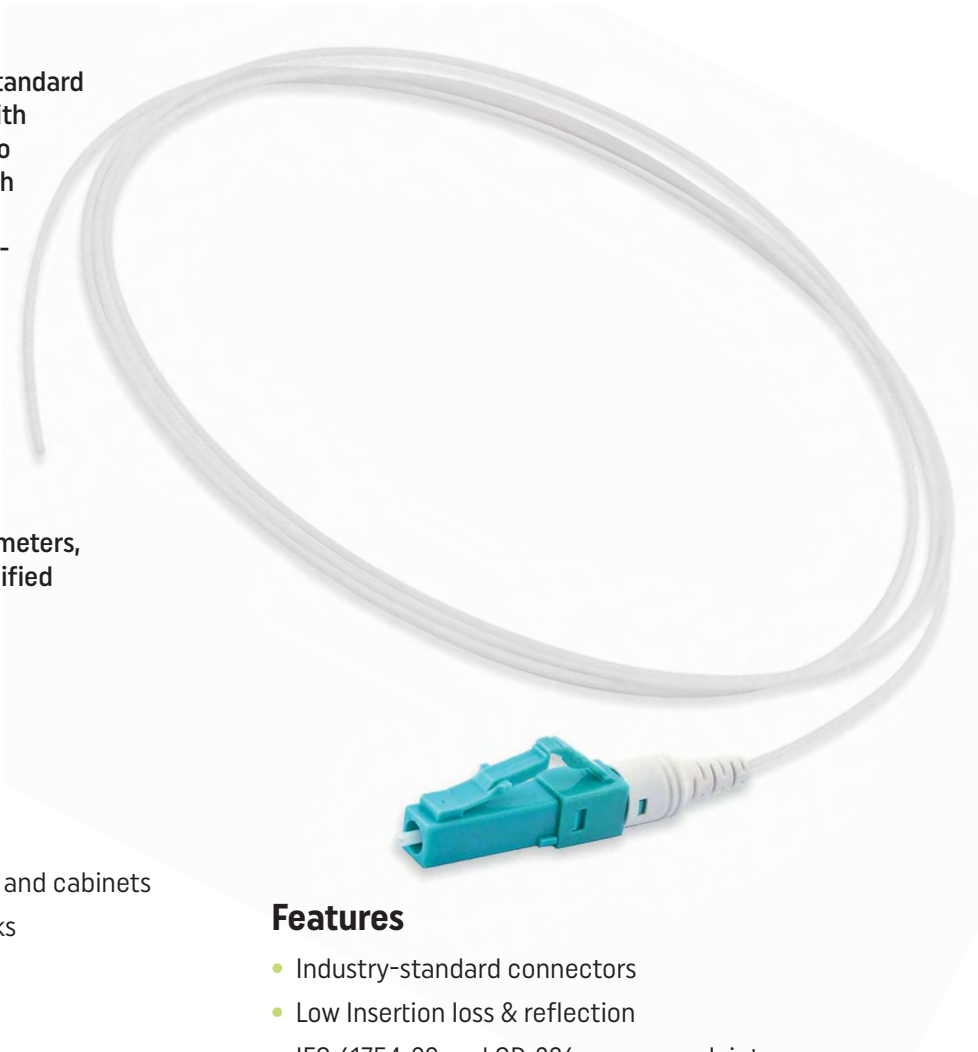


DSPT Optical Pigtails

Our DSPT series fiber optic pigtails are standard products – optical pigtails 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 pigtails are manufactured in both single-mode or multi-mode 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 $245\pm 10\mu\text{m}$.

Standard lengths are 1.0 1.5, 2.0 and 3.0 meters, but pigtails 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 | | | | | | | | | | |