

Preterminated Fiber Optic Cables

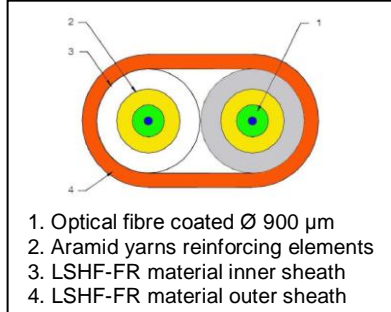
OPTRONICS TECHNOLOGIES SA manufactures preterminated fiber optic twin cable in a variety of fiber and connector types (SC,ST,LC,FC, SMA). Special flat twin, LSHF inner and outer sheath, tight buffered cable is used as singlemode 9/125 and 50/125 OM3 type. Any length up to 500 meters is available.

APPLICATIONS

Preterminated cables are the proposed solutions for Data Centers, Mobile Backhauling Antenna links, Industrial Sites, Highway-Railways-Marine-Airport installations, Wind Farms-Power Stations, Surveillance connections, Video transmissions, Free Space Optical Links, Cruise Ships LANs and any space limited area so to avoid patch panels space installation and splicing.

CABLE SPECIFICATIONS & DIMENSIONS

Compact cable
All dielectric design
LSZH-FR sheaths (Low Smoke Zero Halogen)
Flame non propagation (IEC 60332-1 & NFC 32070 C2)
Fire non propagation (IEC 60332-3)
Sheath diameter 2.8 mm
Outer sheath dimension 3.7/6.5 mm
Cable weight 26 kg/km
Operating Temperature (IEC-60794-1-F1) -10°C +60°C
Storage Temperature -30°C +60°C
Maximum pulling force (IEC-60794-1-E1) 80 daN
Maximum operating pulling force 40 daN
Minimum bending radius without tension 35 mm
Compression (IEC-60794-1-E3) 300 daN/dm
Impacts (IEC-60794-1-E4) 100 impacts of 2 N.m



Connector Specifications

SC	(0.25dB @ 50/125, 0.30dB @ 9/125)
SMA	(0.60dB @ 50/125)
SC/APC	(0.30dB @ 9/125)
FC	(0.30dB @ 9/125)
LC/PC	(0.30dB @ 9/125, 0.25 dB @ 50/125)

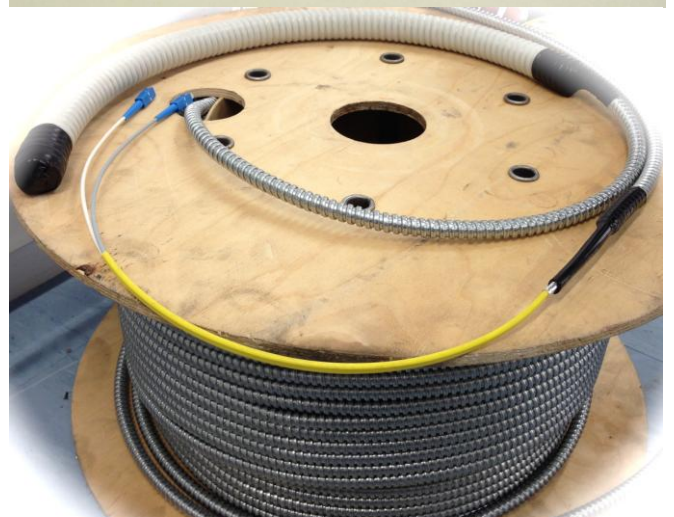
Order Information:

PART NUMBER

PC9125DCD Y X Z
PC50DCD Y X Z
PC9125EXTD Y X Z
PC50EXTD Y X Z

DESCRIPTION

Preterminated twin cable 9/125 Y(CON) X(CON) Z(LENGTH in m)
Preterminated twin cable 50/125 Y(CON) X(CON) Z(LENGTH in m)
Preterminated twin cable 9/125 metal Y(CON) X(CON) Z(LENGTH in m)
Preterminated twin cable 50/125 metal Y(CON) X(CON) Z(LENGTH in m)
(Note: Connector Codes SC, SMA, SCA, FC, LC)



Metal protection is available for harsh environment by flexible tubing of galvanized steel DX-51, strength 2500 N/10cm per CEI EN 50066-2-3, resistant up to +300°C and plastic pulling eye.

