Fiber Optic Patchcords

LL-PT/DX-SCLC-sm

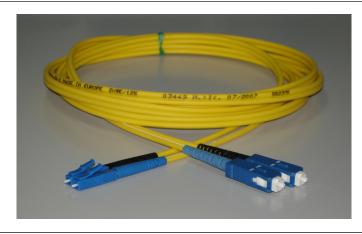
— Patchcord duplex SC-LC, singlemode —

: SC - plastic body, ceramic ferrule (ZrO₂); LC - plastic body, ceramic ferrule (ZrO₂) Connector

Cable : Zipcord – 9/125, LSOH sheath

STANDARD COMPLIANCE

All components of/and the final product are designed and tested to conform the requirements of IEC 60874-14, IEC 61754-4 & 20, Bellcore/Telcordia GR-326, EIA/TIA 604-3, EIA/TIA 568, ISO/IEC 11801 2nd Ed., EN 50173, JIS C5973 F04, ICEA-596, IEC60793-2-10 A1a or IEC60793-2-10 A1b or ITU-T G.652 (depending on fiber dia-meter), Bellcore/Telcordia GR-409-CORE, IEC 793, IEC 794-1-E1, IEC 794-1-E3 UL1666/901 (when UL-cable used and EIA/TIA455). All components are RoHS compliant and do not and will not contain any restricted hazardous substances as detailed in RoHS 2002/95/EC.



PERMORMANCE

: <0,25 dB Attenuation Return loss : >40 dB : -5° C to +60° C Temperature range

Color of sheath : yellow

other colors on request

Fiber version : semi-tight buffer;

tight buffered on request

Fumo Communications Framo Communications

: black & blue Color of boot

other colors on request

: 1 pcs./unit Packaging

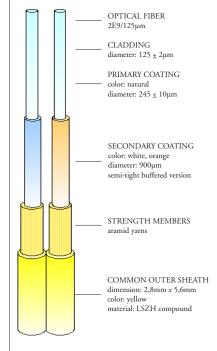
other packaging on request



TECHNICAL SPECIFICATION

TYPE LC ZrO₂ (Zirconia/Ceramic) MATERIAL OF FERRULE ZrO₂ (Zirconia/Ceramic) CONNECTOR SURFACE CONNECTION OF FIBER glue glue MATERIAL OF BODY plastic compound plastic compound CONNECTION AT ADAPTER push-pull push-pull >1000 MATING CYCLES >1000 FERRULE DRILLING





MECHANICAL PERFORMANCE FIBER

: 15,0kg/km Temperature range : -5°C to +70°C

Bending radius : 40mm

Tensile strength : 250N (long term) - 450N (short term)

Crush resistance : 2000N/dm

OPTICAL PERFORMANCE FIBER

Item		9/125
CORE DIAMETER	μm	9,2 ± 0,4
CLADDING DIAMETER	μm	125 ± 1
CLADDING NON-CIRCULARITY	%	≤1,0
CORE/CLADDING CONCENTRICITY	μm	≤ 0,6
TYP. ATTENUATION @ 1310nm-1625nm	dB/km	≤ 0,39
TYP. ATTENUATION @ 1550nm	dB/km	≤ 0,25
CHROM. DISP. @ 1285-1330nm	ps/nm * km	≤ 3
CHROM. DISP. @ 1270-1340nm	ps/nm * km	<u>≤</u> 6
CHROM. DISP. @ 1550nm	ps/nm * km	≤ 18
CUT-OFF WAVELENGTH	λ _c nm	h: 1330 / l: 1150
AVERAGE	λ _{cc} nm	≤ 1260
PMD _o LINK DESIGN VALUE	ps/√km	≤ 0,2
FOR ENTIRE FIBER SPECS REFER TO		LL-F-002-sm

— On request, fibers featuring other than the above staed specifications can be quoted —

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