

Fiber Optic Patchcords

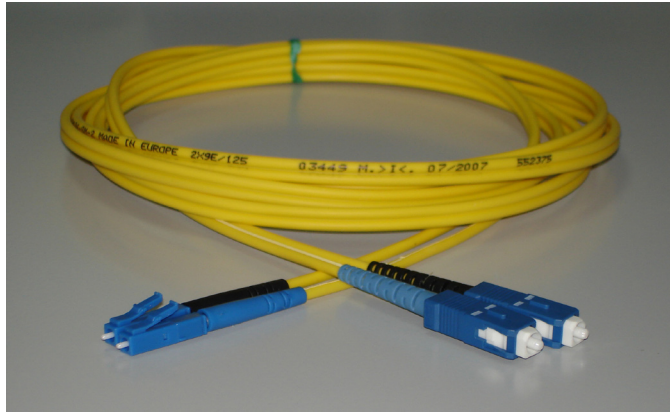
LL-PT/DX-SCLC-sm

— Patchcord duplex SC-LC, singlemode —

Connector : SC – plastic body, ceramic ferrule (ZrO₂); LC – plastic body, ceramic ferrule (ZrO₂)
Cable : Ziptcord – 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.



PERFORMANCE

Attenuation	: <0,25 dB
Return loss	: >40 dB
Temperature range	: -5° C to +60° C
Color of sheath	: yellow <i>other colors on request</i>
Fiber version	: semi-tight buffer; <i>tight buffered on request</i>
Color of boot	: black & blue <i>other colors on request</i>
Packaging	: 1 pcs./unit <i>other packaging on request</i>

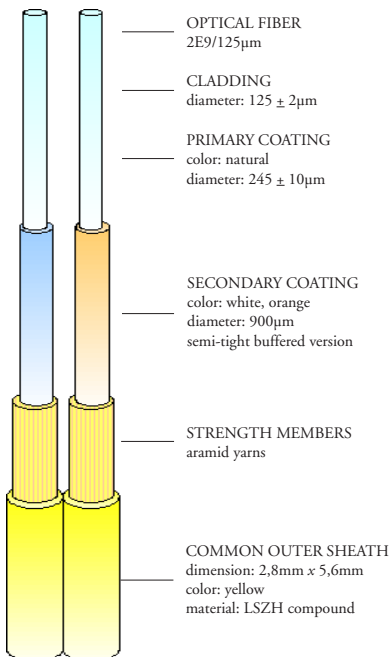
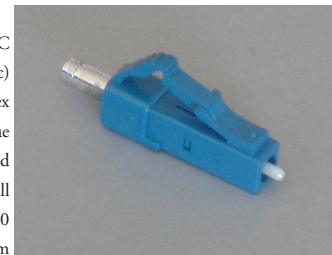
TECHNICAL SPECIFICATION



SC
ZrO₂ (Zirconia/Ceramic)
convex
glue
plastic compound
push-pull
>1000
125 / 126 μm

TYPE
MATERIAL OF FERRULE
CONNECTOR SURFACE
CONNECTION OF FIBER
MATERIAL OF BODY
CONNECTION AT ADAPTER
MATING CYCLES
FERRULE DRILLING

LC
ZrO₂ (Zirconia/Ceramic)
convex
glue
plastic compound
push-pull
>1000
125 / 126 μm



MECHANICAL PERFORMANCE FIBER

Weight	: 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	≤ 6
CHROM. DISP. @ 1550nm	ps/nm * km	≤ 18
CUT-OFF WAVELENGTH	λ _c nm	h: 1330 / l: 1150
AVERAGE	λ _{av} nm	≤ 1260
PMD ₀ 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 stated specifications can be quoted —

