

Fiber Optic Patchcords

LL-PT/DX-STLC-50

— Patchcord duplex ST-LC, 50/125µm —

Connector : ST – full metall body, ceramic ferrule (ZrO₂); LC – plastic body, ceramic ferrule (ZrO₂)
Cable : Zipcord – 50/125, 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, IEC 60874-10, CECC BFOC/2.5, Bellcore/Telcordia GR-326, EIA/TIA 604-3A, 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.651 (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	: >35 dB
Temperature range	: -5° C to +60° C
Color of sheath	: orange <i>other colors on request</i>
Fiber version	: semi-tight buffer; <i>tight buffered on request</i>
Color of boot	: black & red <i>other colors on request</i>
Packaging	: 1 pcs./unit <i>other packaging on request</i>

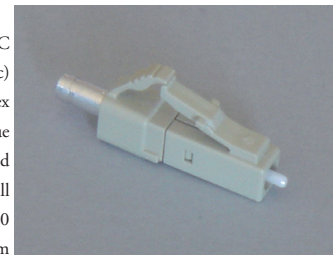
TECHNICAL SPECIFICATION



ST
ZrO₂ (Zirconia/Ceramic)
convex
glue
metal
bayonette
>1000
127 / 128 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
127 / 128 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		50/125
CORE DIAMETER	µm	50 ± 2,5
CLADDING DIAMETER	µm	125 ± 2
CLADDING NON-CIRCULARITY	%	≤1,0
CORE/CLADDING CONCENTRICITY	µm	≤ 6,0
TYP. ATTENUATION @ 850nm	dB/km	2,7
TYP. ATTENUATION @ 1300nm	dB/km	0,8
BANDWITH @ 850nm	MHz * km	≥ 600
BANDWITH @ 1300nm	MHz * km	≥ 800
LINK LENGTH 1000BaseSX	m	2 - 600
LINK LENGTH 1000BaseLX	m	2 - 800
LINK LENGTH 10GBase SR	m	2 - 82
LINK LENGTH 10GBase X4	m	2 - 300
FOR ENTIRE FIBER SPECS REFER TO		LL-F-006-50

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

