

Fiber Optic Patchcords

Fumo Communications
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LL-PT/DX-SCSC-50

— Patchcord duplex SC-SC, 50/125µm —

Connector : SC – plastic body, ceramic ferrule (ZrO₂); SC – plastic body, ceramic ferrule (ZrO₂)
Cable : Zipcord – 50/125, LSOH sheath

STANDARD COMPLIANCE

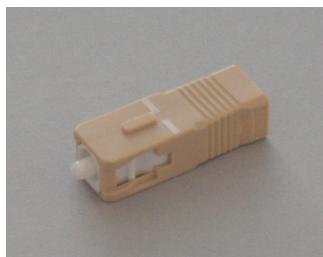
All components of/and the final product are designed and tested to conform the requirements of IEC 60874-14, IEC 61754-4 & 20, Bellcore/Telcordia GR-326, EIA/TIA 604-3, EIA/TIA 568, ISO/IEC 11801 2nd Ed., EN 50173, JIS C5973 F04, ICEA-596, IEC60793-2-10 A1a or IEC60793-2-10 A1b or ITU-T G.651 (depending 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
other colors on request
Fiber version : semi-tight buffer;
tight buffered on request
Color of boot : black & red
other colors on request
Packaging : 1 pcs./unit
other packaging on request

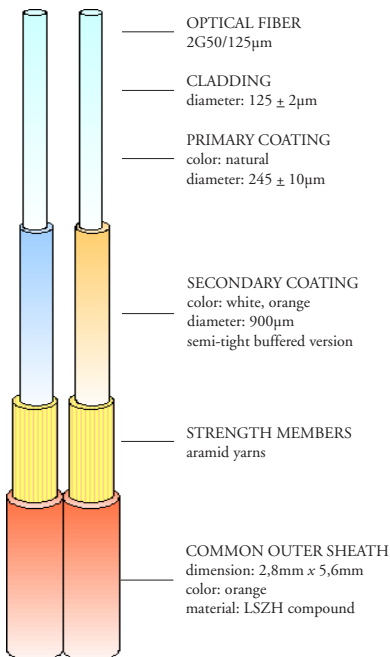
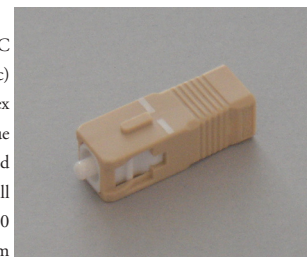
TECHNICAL SPECIFICATION



SC
ZrO₂ (Zirconia/Ceramic)
convex
glue
plastic compound
push-pull
>1000
127 / 128 µm

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

SC
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 stated specifications can be quoted —



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Made in
Italy