

Fiber Optic Patchcords

LL-PTDX-SCFC-OM3

— Patchcord duplex SC-FC, 50/125µm OM3, LSOH —

Connectors : SC – plastic body, ceramic ferrule (ZrO₂) / FC – metal body, ceramic ferrule (ZrO₂)
Cable : Zipcord – multimode 50/125 OM3, LSOH sheath

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STANDARD COMPLIANCE

All components of and the final product are designed and tested to conform the requirements ISO/IEC 11801, EN 50173, EIA/TIA 568, IEC 61754-4, IEC 60874-1, IEC 61754-2, IEC 60874-07, JIS C5973 F04, EIA/TIA 604, ANSI/ICEA-596, IEC 60793, IEC 60794, EIA/TIA IEC 60331, IEC 60332, ITU-T G.651, Bellcore/Telcordia GR-409-CORE. All components are RoHS compliant and do not and will not contain any restricted hazardous substances as detailed in RoHS 2002/95/EC.

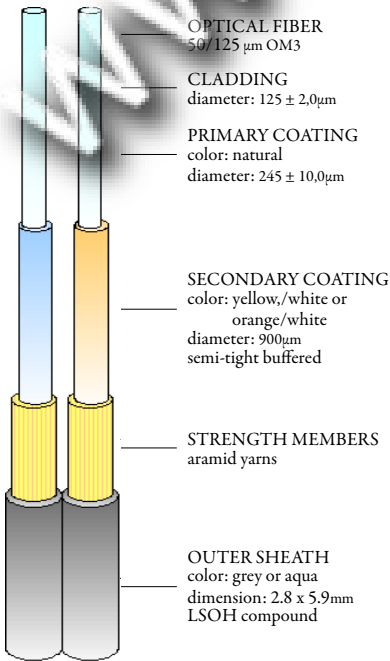
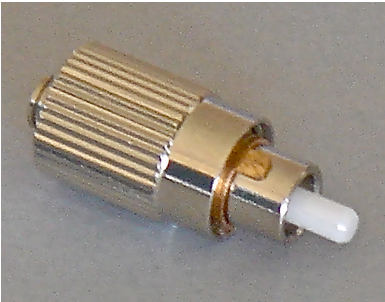
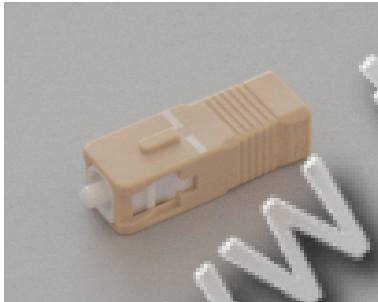


PERFORMANCE

Attenuation	: <0.25 dB
Return loss	: >25 dB
Temperature range	: -5° C to 60° C
Color of sheath	: grey or aqua (other colors on request)
Fiber	: semi-tight buffer (tight buffered on request)
Color of boot	: black & red (other colors on request)
Packaging	: 1 pc./unit (other packaging on request)

TECHNICAL PERFORMANCE

SC	TYPE	FC
ZrO ₂ (Zirconia/Ceramic)	MATERIAL OF FERRULE	ZrO ₂ (Zirconia/Ceramic)
convex	CONNECTOR SURFACE	convex
glue	CONNECTION OF FIBER	glue
plastic compound, beige	MATERIAL OF BODY	metal
push-pull	CONNECTION AT ADAPTER	push-pull
>1000	MATING CYCLES	>1000
127/128µm	FERRULE DRILLING	127/128µm

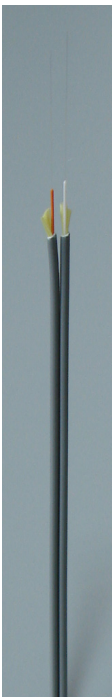


MECHANICAL PERFORMANCE CABLE

Weight	: 8.0kg/km
Temperature range	: inst.: -5°C to 50°C / oper.: 20°C to 60°C
Bending radius	: 20 x OD
Tensile strength	: 200N (during installation)
Crush resistance	: 1000N/dm
Fire load	: 0.2MJ/m

OPTICAL PERFORMANCE FIBER (acc. to ITU-T G.651, EN50173-1:2010 cat.OM3, ISO/IEC11801:2010 cat.OM3)

Item	Unit	Values
CORE DIAMETER	µm	50 ± 2.5
CLADDING DIAMETER	µm	125 ± 2
CLADDING NON-CIRCULARITY	%	≤1.0
CORE/CLADDING CONCENTRICITY	µm	≤ 1.5
TYP. ATTENUATION @ 850nm	dB/km	2.5
TYP. ATTENUATION @ 1300nm	dB/km	0.7
Link length 1000BaseSX	m	2 - 1500
Link length 1000BaseLX	m	2 - 500
Link length 10GBaseSR	m	2 - 300
Link length 10GBaseX4	m	2 - 300
FOR ENTIRE FIBER SPECS REFER TO		LL-F-008-OM3



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