DATA SHEET

Assemblies
Duplex, LC unib. XD-LC unib. XD, MM, 2.1mm, heatherviolet, OM4
PCRS_LCMX_LCMX_O421T_XX.X_LL

Properties

- One-piece design for easy and quick termination
- Color coded boot for simplex used, allow good visibility also in mated condition
- Very short rigid length



General data	
Assembly family	Duplex patch cord - LC to LC
Application Area	Indoor
Fiber quantity	2
Polarity	A-B / B-A straight polarity
Flammability rating	UL 94 V-0
Operation temperature	-25 °C ... 70 °C

Side A / Left	
Interface	connectorized
Type	Fiber Optic Connector
Connector family	LC
Gender	Plug
Housing colour FO Connector	Black
Clip type	Duplex
Clip family	XD
Boot colour	Black
Mating cycles with repeated cleaning	1000
Mechanical Interface Standard	IEC 61754-20, TIA 604-10-A (LC)
Performance class H+S	L
Polishing	UPC
Insertion loss 97%	≤ 0.15 dB
Insertion loss typical	≤ 0.08 dB
Return loss	≥ 35 dB

Side B / Right	
Interface	connectorized
Type	Fiber Optic Connector
Connector family	LC
Gender	Plug

Assemblies

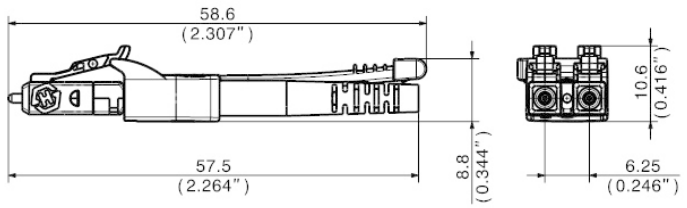
Duplex, LC unib. XD-LC unib. XD, MM, 2.1mm, heatherviolet, OM4

PCRS_LCMX_LCMX_O421T_XX.X_LL

Side B / Right	
Housing colour FO Connector	Black
Clip type	Duplex
Clip family	XD
Boot colour	Black
Mating cycles with repeated cleaning	1000
Mechanical Interface Standard	IEC 61754-20, TIA 604-10-A (LC)
Performance class H+S	L
Polishing	UPC
Insertion loss 97%	≤ 0.15 dB
Insertion loss typical	≤ 0.08 dB
Return loss	≥ 35 dB

Fiber Optic Cables	
Cable Description	Duplex cable round
Fiber quantity	2
Fiber type	G50/125-OM4
CPR class	Dca-s1a,d0,a1
Strain relief	aramide yarn
Outer tube diameter	2 x 0.6 mm
Outer jacket diameter	2.1mm
Outer jacket material	LSFH
Tensile strength during installation	200 N
Tensile strength in service	100 N
Min. bending radius during installation	10 mm
Min. bending radius in service	15 mm
Crush resistance during installation	5000 N/dm
Crush resistance in service	900 N/dm

Technical drawing



Ordering Information Table

Item number	Item description	Length in m
85094643	PCRS_LCMX_LCMX_O421T_0.75_LL	0.75
85169595	PCRS_LCMX_LCMX_O421T_0.80_LL	0.8
85169588	PCRS_LCMX_LCMX_O421T_0.90_LL	0.9
85011862	PCRS_LCMX_LCMX_O421T_01.0_LL	1
85155488	PCRS_LCMX_LCMX_O421T_01.1_LL	1.1
85094644	PCRS_LCMX_LCMX_O421T_1.25_LL	1.25
85019833	PCRS_LCMX_LCMX_O421T_01.5_LL	1.5
85155489	PCRS_LCMX_LCMX_O421T_01.6_LL	1.6
85155490	PCRS_LCMX_LCMX_O421T_01.7_LL	1.7
85094645	PCRS_LCMX_LCMX_O421T_1.75_LL	1.75
85155491	PCRS_LCMX_LCMX_O421T_01.9_LL	1.9
85019837	PCRS_LCMX_LCMX_O421T_02.0_LL	2

Assemblies

Duplex, LC unib. XD-LC unib. XD, MM, 2.1mm, heatherviolet, OM4

PCRS_LCMX_LCMX_O421T_XX.X_LL

Ordering Information Table		
85155492	PCRS_LCMX_LCMX_O421T_02.1_LL	2.1
85094646	PCRS_LCMX_LCMX_O421T_2.25_LL	2.25
85155493	PCRS_LCMX_LCMX_O421T_02.3_LL	2.3
85154248	PCRS_LCMX_LCMX_O421T_02.4_LL	2.4
85025985	PCRS_LCMX_LCMX_O421T_02.5_LL	2.5
85155494	PCRS_LCMX_LCMX_O421T_02.7_LL	2.7
85094647	PCRS_LCMX_LCMX_O421T_2.75_LL	2.75
85155495	PCRS_LCMX_LCMX_O421T_02.8_LL	2.8
85155496	PCRS_LCMX_LCMX_O421T_02.9_LL	2.9
85019838	PCRS_LCMX_LCMX_O421T_03.0_LL	3
85185801	PCRS_LCMX_LCMX_O421T_03.0_LL	3
85155497	PCRS_LCMX_LCMX_O421T_03.1_LL	3.1
85094648	PCRS_LCMX_LCMX_O421T_3.25_LL	3.25
85155498	PCRS_LCMX_LCMX_O421T_03.3_LL	3.3
85155499	PCRS_LCMX_LCMX_O421T_03.4_LL	3.4
85021394	PCRS_LCMX_LCMX_O421T_03.5_LL	3.5
85177214	PCRS_LCMX_LCMX_O421T_03.7_LL	3.7
85094649	PCRS_LCMX_LCMX_O421T_3.75_LL	3.75
85192020	PCRS_LCMX_LCMX_O421T_3.75_LL	3.75
85177215	PCRS_LCMX_LCMX_O421T_03.8_LL	3.8
85177216	PCRS_LCMX_LCMX_O421T_03.9_LL	3.9
85019950	PCRS_LCMX_LCMX_O421T_04.0_LL	4
85094650	PCRS_LCMX_LCMX_O421T_4.25_LL	4.25
85025986	PCRS_LCMX_LCMX_O421T_04.5_LL	4.5
85019839	PCRS_LCMX_LCMX_O421T_05.0_LL	5
85203920	PCRS_LCMX_LCMX_O421T_5.25_LL	5.25
85025987	PCRS_LCMX_LCMX_O421T_05.5_LL	5.5
85192145	PCRS_LCMX_LCMX_O421T_5.75_LL	5.75
85021395	PCRS_LCMX_LCMX_O421T_06.0_LL	6
85203921	PCRS_LCMX_LCMX_O421T_6.25_LL	6.25
85155504	PCRS_LCMX_LCMX_O421T_06.5_LL	6.5
85021396	PCRS_LCMX_LCMX_O421T_07.0_LL	7
85086496	PCRS_LCMX_LCMX_O421T_08.0_LL	8
85155505	PCRS_LCMX_LCMX_O421T_08.5_LL	8.5
85086497	PCRS_LCMX_LCMX_O421T_09.0_LL	9
85185769	PCRS_LCMX_LCMX_O421T_09.5_LL	9.5
85019840	PCRS_LCMX_LCMX_O421T_10.0_LL	10
85103030	PCRS_LCMX_LCMX_O421T_11.0_LL	11
85126556	PCRS_LCMX_LCMX_O421T_12.0_LL	12
85153271	PCRS_LCMX_LCMX_O421T_13.0_LL	13
85147029	PCRS_LCMX_LCMX_O421T_14.0_LL	14
85021397	PCRS_LCMX_LCMX_O421T_15.0_LL	15
85126557	PCRS_LCMX_LCMX_O421T_16.0_LL	16
85153272	PCRS_LCMX_LCMX_O421T_17.0_LL	17
85145248	PCRS_LCMX_LCMX_O421T_18.0_LL	18
85153273	PCRS_LCMX_LCMX_O421T_19.0_LL	19
85021398	PCRS_LCMX_LCMX_O421T_20.0_LL	20
85025988	PCRS_LCMX_LCMX_O421T_25.0_LL	25
85025989	PCRS_LCMX_LCMX_O421T_30.0_LL	30

Assemblies

Duplex, LC unib. XD-LC unib. XD, MM, 2.1mm, heatherviolet, OM4

PCRS_LCMX_LCMX_O421T_XX.X_LL

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
DOCUMENT PIM-P15050 / Date of publication: 20.07.2026 / uncontrolled copy