

Assemblies

FullAXS plug with cap, LC DX, SM A2 4.8mm riser cable, #D/UL

MR02_FAP2_LCUD_A248X_xxxx_SS-Fa0000_Fb0170_NXSX_D_V2

PropertiesRodent-protected, glass-
armoured

General data	
Assembly family	FullAXS to LC Duplex
Application Area	Outdoor
Fiber quantity	2 pcs
Polarity	A-B / B-A straight polarity

Side A / Left	
Type	Fiber Optic Connector
Connector family	FullAXS
Gender	Plug
Housing colour FO Connector	Black
Mating cycles with repeated cleaning	100
Performance class H+S	S
Polishing	UPC
Endface polishing angle	0°
Insertion loss 97%	≤ 0.45 dB
Insertion loss typical	≤ 0.2 dB
Return loss	≥ 50 dB

Side B / Right	
Type	Fiber Optic Connector
Connector family	LC
Gender	Plug
Housing colour FO Connector	Blue
Clip type	Duplex
Clip family	Classic
Boot colour	White
Mating cycles with repeated cleaning	1000
Mechanical Interface Standard	IEC 61754-20, TIA 604-10-A (LC)
Performance class H+S	S

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Side B / Right	
Endface polishing angle	0°
Insertion loss 97%	≤ 0.25 dB
Insertion loss typical	≤ 0.12 dB
Return loss	≥ 50 dB
Breakout type FO	equal length
Shortest breakout length FO	170 mm
Breakout quantity	2 pcs

Fiber Optic Cable

Cable Description	Riser cable
Fiber quantity	2
Fiber type	E9/125A2
CPR class	Dca-S2,d0,a1
Strain relief	glass-roving
Outer tube diameter	2 x 0.9 mm
Outer jacket diameter	4.8mm
Outer jacket material	LSFH
Tensile strength during installation	1000 N
Min. bending radius during installation	20 mm
Min. bending radius in service	20 mm
Crush resistance during installation	20000 N/dm
Crush resistance in service	6000 N/dm
Fire propagation standard	IEC 60332-1-2 IEC 60332-3

Channel Allocation Fiber

		LC	
		A	B
FullAXS	A		X
	B	X	
Code 1			

Ordering Information Table

Item number	Item description	Length in m
84137909	MR02_FAP2_LCUD_A248X_01.0_SS	1
84137910	MR02_FAP2_LCUD_A248X_02.0_SS	2
85140812	MR02_FAP2_LCUD_A248X_03.0_SS	3
84137911	MR02_FAP2_LCUD_A248X_05.0_SS	5
85101684	MR02_FAP2_LCUD_A248X_15.0_SS	15
85101685	MR02_FAP2_LCUD_A248X_20.0_SS	20
85101686	MR02_FAP2_LCUD_A248X_30.0_SS	30
85101687	MR02_FAP2_LCUD_A248X_40.0_SS	40
85101688	MR02_FAP2_LCUD_A248X_50.0_SS	50
85101689	MR02_FAP2_LCUD_A248X_60.0_SS	60
85101690	MR02_FAP2_LCUD_A248X_70.0_SS	70
85101692	MR02_FAP2_LCUD_A248X_90.0_SS	90

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Ordering Information Table		
85101693	MR02_FAP2_LCUD_A248X_0100_SS	100
85101694	MR02_FAP2_LCUD_A248X_0125_SS	125
85101695	MR02_FAP2_LCUD_A248X_0150_SS	150

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