Data sheet

HUBER+SUHNER

LC duplex to LC duplex, singlemode A2 4.8mm glass-armoued riser cable

Description

Features

- ruggedised break-out 90mm both sides

Technical data for assembly

Construction

Description	Connector left	Connector right
Divider	Shrink tube 140mm	Shrink tube 40mm
Front view		

Channel Allocation

		Connector right side	
		A	B
Connector left side	A		X
	B	X	

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Mechanical data

Characteristics	Tested acc. to	Values
Vibration	IEC 61300-2-1	passed 10 to 500 Hz/10 g
Shock	IEC 61300-2-9	passed 50 g
Mechanical Performance left side (tensile load)		≤ 2 x 100 N
Mechanical Performance right side (tensile load)		≤ 2 x 100 N

Environmental data

Characteristics	Conditions	Tested acc. to	Values
	During installation	IEC 61300-2-22	-10°C up to 50°C
Temperatur range	In service	IEC 61300-2-22	-40°C up to 85°C
	In storage	IEC 61300-2-22	-40°C up to 85°C

Technical data for connector

Construction

Description	Connector left	Connector right
Type	LC Duplex	LC Duplex
Insertion Loss	typ. ≤ 0.3 dB	typ. ≤ 0.3 dB
Return Loss	≥ 50 dB	≥ 50 dB

Technical data for FO cable

Construction

Description		Size
Type		Rodent-protected, glass-armoured, Riser Cable, CPR listed
Jacket Material		LSFH™
Diameter cable		4.8 mm
Min. bending radius	During installation	20mm
	In service	20 mm
Fiber type		E9/125-SM G.657.A2
Cable tensile strength	during installation	1000 N
	in service	500 N
Cable crush resistance	long term	6000 N/dm
	short term	20000 N/dm
Fire propagation	IEC 60332-1-2	
Fire propagation	IEC 60332-3	

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Ordering information

Length	Item no.	Assembly code
10m	85101742	MR02_LCUD_LCUD_A248X_10.0_SS
15m	85101743	MR02_LCUD_LCUD_A248X_15.0_SS
20m	85101744	MR02_LCUD_LCUD_A248X_20.0_SS
30m	85101745	MR02_LCUD_LCUD_A248X_30.0_SS
40m	85101746	MR02_LCUD_LCUD_A248X_40.0_SS
50m	85101747	MR02_LCUD_LCUD_A248X_50.0_SS
60m	85101748	MR02_LCUD_LCUD_A248X_60.0_SS
70m	85101749	MR02_LCUD_LCUD_A248X_70.0_SS
80m	85101750	MR02_LCUD_LCUD_A248X_80.0_SS
90m	85101751	MR02_LCUD_LCUD_A248X_90.0_SS
100m	85101752	MR02_LCUD_LCUD_A248X_0100_SS
125m	85101753	MR02_LCUD_LCUD_A248X_0125_SS
150m	85101754	MR02_LCUD_LCUD_A248X_0150_SS

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