

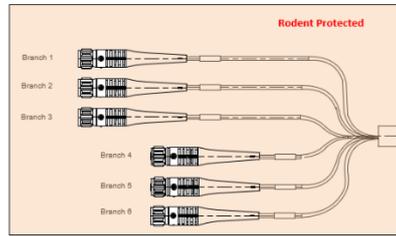
Harsh environment Cable system

Masterline Extreme, 12F, 06x ODC-2 Plug, 12x FLC/PC duplex, SM A2, rodent protected

EH012_Txxxxx_LM055ZG055ZA48USS

Properties

- Pre-assembled plug & play cabling system.
- Loose tube cable with 12fibers, steel braid armoured rodent protection.
- Connectors numbered for easy channel identification.
- Easy and time-saving Installation.



ODC Branch marking	Length Side A	Fiber	Length Side B	LCD branch marking
Branch 1, Label RRH 1	640 +/-45	1+2	800 +/-25	Branch 1, Label RRH 1
Branch 2, Label RRH 2	640 +/-45	3+4	750 +/-25	Branch 2, Label RRH 2
Branch 3, Label RRH 3	640 +/-45	5+6	700 +/-25	Branch 3, Label RRH 3
Branch 4, Label RRH 4	550 +/-45	7+8	650 +/-25	Branch 4, Label RRH 4
Branch 5, Label RRH 5	550 +/-45	9+10	600 +/-25	Branch 5, Label RRH 5
Branch 6, Label RRH 6	550 +/-45	11+12	550 +/-25	Branch 6, Label RRH 6

**General data**

Assembly family	MASTERLINE Extreme
Application Area	Outdoor
Fiber quantity	12
Polarity	A-B / B-A straight polarity
Free of halogene	Yes
Service Temperature	-40 °C ... 70 °C
Installation temperature	-10 °C ... 50 °C

Side A / Left

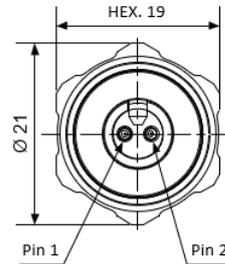
Type	ODC-2 Plug
Insertion loss	97%, < 0.45 dB
Return loss	≥ 50 dB
Ingress protection (IP Rating)	IP68
Mating Cycles	1000
Tensile Strength	≤ 800 N
Breakout type FO	staggered
Shortest breakout length FO	550 mm
Longest breakout length FO	640 mm
Breakout quantity	6
Breakout cable type	5.0 mm cable, oversleeved with steel-armored / LSZH tubes for rodent+ protection
Breakout diameter	9.0±0.2 mm

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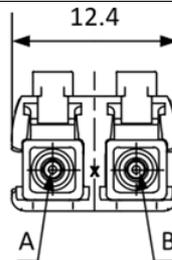
ODC-2 Plug Image: -



Side A / Right

Type	LC Uniboot	
Insertion loss	97%, < 0.25 dB	
Return loss	≥ 50 dB	
Breakout type FO	staggered	
Shortest breakout length FO	550 mm	
Longest breakout length FO	800 mm	
Breakout quantity	6	
Breakout cable type	2.1 mm cable	
Mating Cycles	Standard	IEC 61300-2-2
	Cycles	100
Tensile Strength	Standard	IEC61300-2-4
	Tensile Strength	5 N

LC-HQ uniboot Image: -



Divider Dimension Left

Divider type	Masterline Large divider
Max. divider diameter	Ø 45 mm
Max. length of divider	96 mm
Mountability	Pg 29 thread on the divider
	Slide-in variant, wrench size 30 mm x 2.1 mm

Cable Data

Cable Description	Loose Tube Steel-Armoured 1x2.8mm LDPE Ø 8.0mm
Fiber quantity	12
Fiber type	E9/125
Strain relief	Aramide yarn
Rodent protection	Steel braid

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Outer jacket diameter	Ø 8.0 mm	
Outer jacket material	LDPE	
Tensile strength	During installation	3000 N
	Inservice	1500 N
Min. bending radius	During installation	120 mm
	Inservice	120 mm
Crush resistance	During installation	4000 N/dm
	Inservice	2000 N/dm
Impact resistance	Energy	4.41 J
	Cycles	50
Temperature	During installation	-10 °C ... 50 °C
	In service	-40 °C ... 70 °C
	In storage	-40 °C ... 70 °C

Order Information Table

Item Number	Item Description	Length in m
85279300	EH012_T0020C_LM055ZG055ZA48USS	20
85279341	EH012_T0030L_LM055ZG055ZA48USS	30
85279343	EH012_T0040L_LM055ZG055ZA48USS	40
85279344	EH012_T0050L_LM055ZG055ZA48USS	50
85279345	EH012_T0060L_LM055ZG055ZA48USS	60
85279346	EH012_T0070L_LM055ZG055ZA48USS	70
85279347	EH012_T0080L_LM055ZG055ZA48USS	80
85279349	EH012_T0100L_LM055ZG055ZA48USS	100
85279350	EH012_T0150D_LM055ZG055ZA48USS	150

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