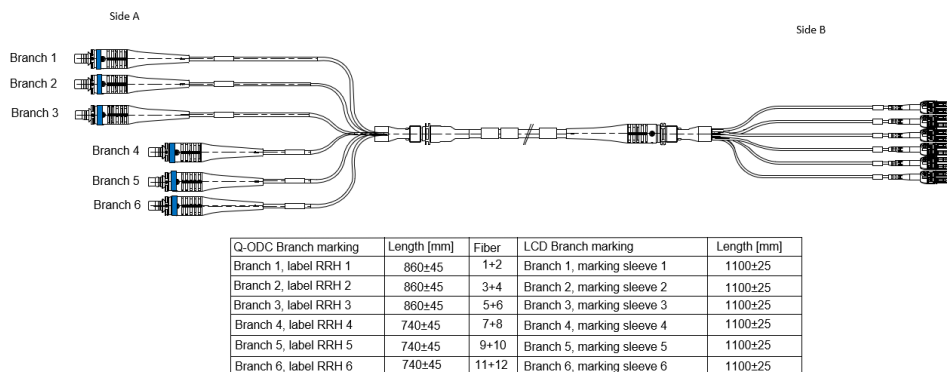


Harsh environment Cable system

Masterline Extreme, 12F, 06x ODC-2 Extension, 12x FLC/PC duplex, SM A2**Properties**

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

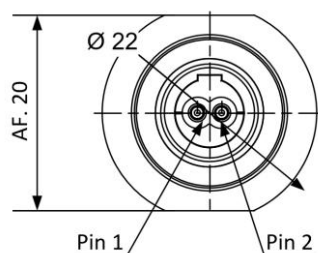
**General data**

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		Q-ODC-2 Extension
Insertion loss		97%, < 0.45 dB
Return loss		≥ 50 dB
Ingress protection (IP Rating)		IP68
Temperature	Operation temperature	-40 °C ... 85 °C
Mating Cycles	Standard	IEC 61300-2-2
	Cycles	200
Tensile Strength	Standard	IEC61300-2-4
	Tensile strength	450 N

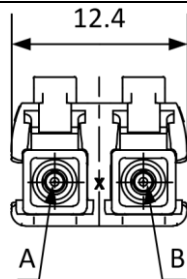
Q-ODC-2 Extension Image: -

**Side B / Right**

Type		LC Uniboot
Optical interface according to		IEC 61755-3-1/2, (UPC/APC)
Mechanical interface according to		IEC 61754-20, TIA 604-10-A (LC)
Flammability Rating		UL 94 V-0
Temperature	Operation temperature	-40 °C ... 85 °C
	Standard	IEC 61300-2-2

Harsh environment Cable system

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

Mating Cycles	Cycles	100
Tensile Strength	Standard	IEC61300-2-4
UV resistance	Tensile Strength	5 N
LC-HQ uniboot Image:-		Yes
		

Cable data		
Fiber	Quantity	12
Fiber Type	according to IEC 60793-2-50 B-657.A2 + ITU-T G.657.A2	12 x 9/125 µm G.657.A2
Tube Diameter		2.8 mm
Tensile strength	During installation	2000N
	In service	1200N
Min. bending radius	During installation	110 mm
	In service	70 mm
Crush resistance	During installation	5000 N/dm
	In service	2000 N/dm
Impact resistance	Energy	1 J
	Cycles	100
Torsion	Cycles	20000
	Length ; Angle	1000 mm ; 180°
Strain relief	Type	Glass-roving
	Sweallability	Swellable
Outer jacket Diameter		7mm
Temperature	During installation	-10 ° C ... 50 ° C
	In service	-40 ° C ... 70 ° C
	In storage	-40 ° C ... 70 ° C
CPR class		Dca-s1a,d0,a1

Channel Allocation Fiber

		LCD side B	
		A	B
Q-ODC extention	Pin1		X
	Pin2	X	
Code 1			

Order Information Table

Item Number	Item Description	Length in m
85265678	EH012_E0010C_MM074ZG110FQE8USS	10
85265843	EH012_E0020C_MM074ZG110FQE8USS	20
85265844	EH012_E0030C_MM074ZG110FQE8USS	30
85265845	EH012_E0040C_MM074ZG110FQE8USS	40

Harsh environment Cable system

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

85265846	EH012_E0050C_MM074ZG110FQE8USS	50
85265847	EH012_E0060C_MM074ZG110FQE8USS	60
85265848	EH012_E0070C_MM074ZG110FQE8USS	70
85265849	EH012_E0080C_MM074ZG110FQE8USS	80
85265896	EH012_E0090L_MM074ZG110FQE8USS	90
85265897	EH012_E0100L_MM074ZG110FQE8USS	100
85265898	EH012_E0110L_MM074ZG110FQE8USS	110
85265899	EH012_E0120L_MM074ZG110FQE8USS	120
85265900	EH012_E0130L_MM074ZG110FQE8USS	130

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/ EN 9100 and ISO/TS 22163-IRIS.

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