

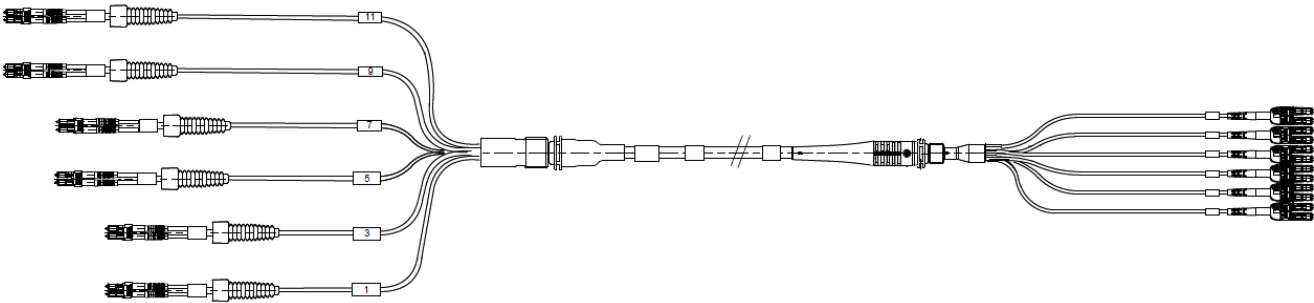
MASTERLINE Extreme

Features

- Pre-assembled "plug & play" cabling system
- Ruggedized design with robust pulling tube
- Outdoor and indoor with high flame resistance
- Loose tube cables with 24 fibers, rodent protected
- Breakouts numbered for easy channel identification



MASTERLINE Extreme, 24 fibers, 12xNokia Flexi LC Duplex to 12xLC uniboot, multimode

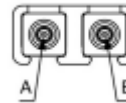
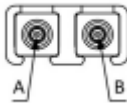


Technical data

Specifications

Description	Side A	Side B
Number of fibers	24	24
Number of FO connectors	12 (duplex)	12 (duplex)
FO connector	Nokia Flexi LC Duplex	LC uniboot
Divider	Extreme medium	classic small
Break-out cable type	staggered	Equal length
Break-out cable lengths	1.35, 1.5, 1.8 meter	1 meter

Front view



Data Sheet

MASTERLINE Extreme

Chanell Allocation

Connector side A		Length Side A	Fiber	Marking	Length Side B	Connector side B	
Connector 1	A	1350± 45	1	1	1000± 25	B	Connector 1
	B		2			A	
Connector 2	A	1350± 45	3	2	1000± 25	B	Connector 2
	B		4			A	
Connector 3	A	1350± 45	5	3	1000± 25	B	Connector 3
	B		6			A	
Connector 4	A	1350± 45	7	4	1000± 25	B	Connector 4
	B		8			A	
Connector 5	A	1500± 45	9	5	1000± 25	B	Connector 5
	B		10			A	
Connector 6	A	1500± 45	11	6	1000± 25	B	Connector 6
	B		12			A	
Connector 7	A	1500± 45	13	7	1000± 25	B	Connector 7
	B		14			A	
Connector 8	A	1500± 45	15	8	1000± 25	B	Connector 8
	B		16			A	
Connector 9	A	1800± 45	17	9	1000± 25	B	Connector 9
	B		18			A	
Connector 10	A	1800± 45	19	10	1000± 25	B	Connector 10
	B		20			A	
Connector 11	A	1800± 45	21	11	1000± 25	B	Connector 11
	B		22			A	
Connector 12	A	1800± 45	23	12	1000± 25	B	Connector 12
	B		24			A	

Environmental data

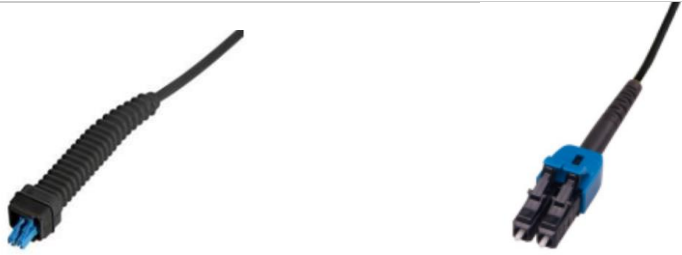
Characteristics	Conditions	Values
Temperatur range during installation		-10°C up to 50°C
Temperatur range in service	IEC 61300-2-22	-40°C up to 70°C
Temperatur range in storage		-40°C up to 70°C
Halogen free	IEC 60754-1	Yes
Flame resistance	IEC 60332-1	passed
Flame resistance	IEC 6332-3-24	passed

Data Sheet

MASTERLINE Extreme

Technical data for connector

Construction

Description	Connector left	Connector right
Type	Nokia Flexi LC Duplex	LC uniboot
		
Insertion Loss	typ. ≤ 0.2 dB	typ. ≤ 0.2 dB
Return Loss	≥ 35 dB	≥ 35 dB

Technical data for FO cable

Construction

Description	Size
Cable type	Dry Loose Tube Glass-Armoured 1x2.8mm LSFH Ø 7.0mm Dca
CPR Class	Dca-s1a,d1,a1
Fiber type	G50/125-OM4
Jacket Material	LSFH™
Cable diameter	7 mm
Min. bending radius	During installation 110mm
Min. bending radius	In service 70 mm
Cable tensile strength	during installation 2000 N
Cable tensile strength	in service 1200 N
Cable crush resistance	long term 2000 N/dm
Cable crush resistance	short term 5000 N/dm
Fire propagation	IEC 60332-1-2
Fire propagation	IEC 60332-3-25

Ordering information

Length	Item number	Masterline code
12 m	85170104	EH424_E0012A_MM135AG100E8B8UMM
3.5m	85227529	EH424_E03.5A_MM135AG100E8B8UMM