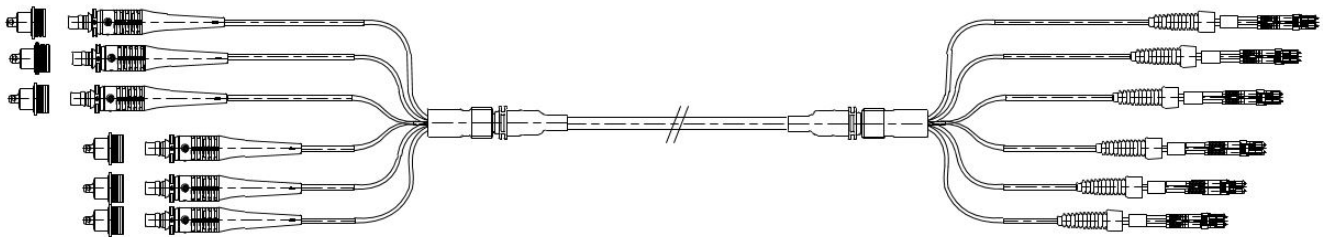


MASTERLINE Extreme

Features

- Pre-assembled "plug & play" cabling system
- Terminated with Q-ODC Extension connectors on RRH side
- Adaptation to any RRH interface with Q-ODC Plug jumpers
- BTS side terminated with LC duplex with Nokia Boot connectors
- Ruggedised design with robust break-out cables
- Robust pulling tube for cable lifting
- Loose tube cables with up to 12 fibers, rodent protected
- Connectors numbered for easy channel identification
- Easy and time-saving installation

MASTERLINE Extreme, 12 fibers Q-ODC Extreme, LC duplex with Nokia Boot, MM OM3

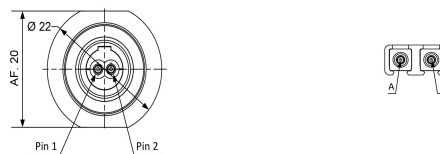


Technical data

Specifications

Description	Side A/ FTTA	Side B/ BTS
Number of fibers	12	12
Number of FO connectors	6	6
FO connector	Q-ODC 2 extension	LC classic duplex
Divider	extreme medium	extreme medium
Outer diameter divider	22mm	22mm
Break-out cable type	staggered	staggered
Break-out cable lengths	0.50/ 0.62m	0.55/ 0.60/ 0.65/ 0.70/ 0.75/ 0.80m
Break-out cable diameter	5.3mm	5.3mm
Outer diameter pulling tube with pulling eye	60mm	

Front view



MASTERLINE Extreme

Channel Allocation


Connector side A		Fiber	Marking	Connector side B	
Connector 1	PIN 1	1	1	B	Connector 1
	PIN 2	2		A	
Connector 2	PIN 1	3	2	B	Connector 2
	PIN 2	4		A	
Connector 3	PIN 1	5	3	B	Connector 3
	PIN 2	6		B	
Connector 4	PIN 1	7	4	A	Connector 4
	PIN 2	8		B	
Connector 5	PIN 1	9	5	A	Connector 5
	PIN 2	10		B	
Connector 6	PIN 1	11	6	B	Connector 6
	PIN 2	12		A	

Environmental data

Characteristics	Tested acc. to	Values
Temperatur range during installation		-10°C up to 50°C
Temperatur range in service	IEC 61300-2-22	-40°C up to 75°C
Temperatur range in storage		-40°C up to 75°C
Ingress protection		IP67
Flame resistance	IEC 60332-1	passed
Flame resistance	IEC 60332-1	passed

Technical data for connector

Construction

Description	Connector left	Connector right
Type	Q-ODC 2 extension	LC classic duplex
		
Insertion Loss	typ. ≤ 0.2 dB	typ. ≤ 0.3 dB

MASTERLINE Extreme

Technical data for FO cable

Construction

Description		Size
Cable type		Rodent-protected, glass-armoured, Multi-fiber Loose Tube Cable, CPR listed
Fiber type		G50/125-OM3 BendOptimized
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 no.	Masterline code
10m	85109332	EE312_G0010D_MM050ZM055ZQE8BMM
20m	85109333	EE312_G0020D_MM050ZM055ZQE8BMM
30m	85109334	EE312_G0030D_MM050ZM055ZQE8BMM
40m	85109335	EE312_G0040D_MM050ZM055ZQE8BMM
50m	85109336	EE312_G0050D_MM050ZM055ZQE8BMM
60m	85109337	EE312_G0060D_MM050ZM055ZQE8BMM
70m	85109338	EE312_G0070D_MM050ZM055ZQE8BMM
80m	85109339	EE312_G0080D_MM050ZM055ZQE8BMM
90m	85109341	EE312_G0090D_MM050ZM055ZQE8BMM
100m	85109342	EE312_G0100D_MM050ZM055ZQE8BMM
120m	85109343	EE312_G0120D_MM050ZM055ZQE8BMM
130m	85109345	EE312_G0130D_MM050ZM055ZQE8BMM