

MASTERLINE Extreme

Features

- Terminated with FullAXS connectors on RRH side
- Adaptation to any RRH interface with FullAXS jumpers
- BTS side terminated with LC uniboot connectors
- Ruggedised design with robust break-out cables
- Robust pulling tube for cable lifting
- Loose tube cables with up to 24 fibers, rodent protected
- Connectors numbered for easy channel identification
- Easy and time-saving installation

MASTERLINE Extreme, 24 fibers FullAXS, LC uniboot, Singlemode

Only 4 of 12 branches are shown

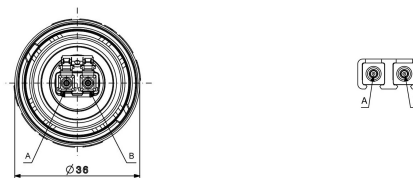


Technical data

Specifications

Description	Side A/ FTTA	Side B/ BTS
Number of fibers	24	24
Number of FO connectors	12	12
FO connector	FullAXS	LC uniboot
Build in hole dimension		15.6mm to 16.4mm
Divider	extreme medium	extreme small
Outer diameter divider	28mm	21.5mm
Break-out cable type	staggered	staggered
Break-out cable lengths	4.64/ 4.76/ 4.88/ 5.00m	1.00 to 1.55 (with 0.05 steps)m
Break-out cable diameter	5.3mm	2.1mm
Outer diameter pulling tube with pulling eye	60mm	
Outer diameter protection tube		36mm

Front view



MASTERLINE Extreme

Channel Allocation



Connector side A		Fiber	Marking	Connector side B	
Connector 1	A	1	1	B	Connector 1
	B	2		A	
Connector 2	A	3	2	B	Connector 2
	B	4		A	
Connector 3	A	5	3	B	Connector 3
	B	6		A	
Connector 4	A	7	4	B	Connector 4
	B	8		A	
Connector 5	A	9	5	B	Connector 5
	B	10		A	
Connector 6	A	11	6	B	Connector 6
	B	12		A	
Connector 7	A	13	7	B	Connector 7
	B	14		A	
Connector 8	A	15	8	B	Connector 8
	B	16		A	
Connector 9	A	17	9	B	Connector 9
	B	18		A	
Connector 10	A	19	10	B	Connector 10
	B	20		A	
Connector 11	A	21	11	B	Connector 11
	B	22		A	
Connector 12	A	23	12	B	Connector 12
	B	24		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	FullAXS	LC uniboot
	 	
Insertion Loss	typ. ≤ 0.2 dB	typ. ≤ 0.3 dB
Insertion Loss	97% ≤ 0.45 dB	
Return Loss	≥ 50 dB	≥ 50 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		E9/125-SM standard G.652.D
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	85110718	EH124_G0010C_MM464ZG100ZZ48USS
20m	85101966	EH124_G0020C_MM464ZG100ZZ48USS
30m	85101967	EH124_G0030C_MM464ZG100ZZ48USS
40m	85101968	EH124_G0040C_MM464ZG100ZZ48USS
50m	85101969	EH124_G0050D_MM464ZG100ZZ48USS
60m	85101970	EH124_G0060D_MM464ZG100ZZ48USS
70m	85101971	EH124_G0070D_MM464ZG100ZZ48USS
80m	85101972	EH124_G0080D_MM464ZG100ZZ48USS
90m	85101973	EH124_G0090D_MM464ZG100ZZ48USS
100m	85101974	EH124_G0100D_MM464ZG100ZZ48USS
120m	85110719	EH124_G0120D_MM464ZG100ZZ48USS
130m	85110720	EH124_G0130D_MM464ZG100ZZ48USS