

## MASTERLINE Classic HT

### Features

- Pre-assembled "plug & play" cabling system
- Ruggedized design with robust pulling tube
- Outdoor and indoor with high flame resistance
- Ingress protection IP 67 when installed
- Loose tube cables with 6 fibers, rodent protected and UV resistant
- Both sides terminated with LC uniboot connectors
- Breakouts numbered for easy channel identification
- Easy and time-saving installation
- Each system factory tested



### MASTERLINE Classic, 6 fibers, LC uniboot, LC uniboot, Singelmode

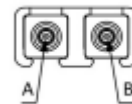
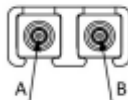


### Technical data

#### Specifications

Description	Side A/ FTTA	Side B/ BTS
Number of fibers	6	6
Number of FO connectors	3	3
FO connector	LC uniboot	LC uniboot
Build in hole dimension	15.6mm to 16.4mm	15.6mm to 16.4mm
Divider	classic small	classic small
Outer diameter divider	21.5mm	21.5mm
Break-out cable type	staggered	staggered
Break-out cable lengths	0.38/ 0.41/ 0.44	0.55/ 0.60/ 0.65
Outer diameter pulling tube with pulling eye	36mm	
Outer diameter protection tube		36mm

Front view



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### Chanell 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	

### 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 75°C
Temperatur range in storage		-40°C up to 75°C
Ingress protection		IP67, when installed with FTTA box
Halogen free	IEC 60754-1	Yes
Flame resistance	IEC 60332-1	passed
Flame resistance	IEC 6332-3-24	

### Technical data for connector

#### Construction

Description	Connector left	Connector right
	LC uniboot	LC uniboot

Type



Insertion Loss	typ. $\leq 0.3$ dB	typ. $\leq 0.3$ dB
Return Loss	$\geq 50$ dB	$\geq 50$ dB

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### 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 G657.A2
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
20 m	85162268	HH006_E0020A_SG038ZG055Z8U8USS
30 m	85162269	HH006_E0030A_SG038ZG055Z8U8USS
40 m	85162270	HH006_E0040A_SG038ZG055Z8U8USS
50 m	85162271	HH006_E0050A_SG038ZG055Z8U8USS
60 m	85162272	HH006_E0060A_SG038ZG055Z8U8USS
70 m	85162273	HH006_E0070A_SG038ZG055Z8U8USS
80 m	85162274	HH006_E0080A_SG038ZG055Z8U8USS