

Masterline Ultimate Small Cell A1 (MLU SC A1)

Features

MASTERLINE Ultimate Small Cell A1 system supports up to 3 small cells. Fixed to 7 mm cable and MASTERLINE Classic (MLC) divider. The system can be used to start a daisy chain with Q-ODC-12 sockets. MLU SC A1 can be equipped with CWDM for transmission of 3 channels per location. These unique features make MASTERLINE Ultimate Small Cell the best-in-class product in terms of ease of installation robustness and efficiency.



Specification



Marking	Type	Description
A	Input	pre-terminated cable with 9 x LC Uniboot on Masterline classic tail
B	Output	1 x Q-ODC 12 connector socket
1	Port 1	1 x Q-ODC connector socket
2	Port 2	1 x Q-ODC connector socket
3	Port 3	1 x Q-ODC connector socket

Attribute		Value
Dimensions (W x L x H)	without connector	92.5 x 94 x 60mm
	with connector	92.5 x 119 x 60mm
Material		Plastic PPE black
Cable retention force		200N
Side load		150N
Temperature range	during installation	- 10°C up to +50°C
	in service	- 40°C up to +70°C
	in storage	- 40°C up to +70°C
Ingress protection		IP x8
Impact resistance		IK 07
Halogen free		IEC 60754-2
UV resistant for outdoor use		ISO 4892-3
Material flammability rating		UL94-V0

Data sheet

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Attribute		Value
Cable type		Glass-armoured loose-tube cable
Jacket material		LSFH™
Cable diameter		7.0mm
Tensile strength	during installation in service	2000N 1200N
Crush resistance	short-term long-term	500 N/cm 200 N/cm
Flame resistance	IEC 60332-1 IEC 60332-3-24	passed

Optical performance

Type	Fiber type/grade	Insertion loss IEC 61300-3-34	Return loss
Input A	single mode UPC	0.25 dB	≥ 0.5 dB
Output B	single mode MT Elite	0.55 dB	-
Port 1/2/3	single mode UPC	0.85 dB	-



MASTERLINE Classic with LC uniboot at BTS side



Protecting tube

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS.

Note

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