

connecting the future



MFA 657 mast amp,3 inp,700 MHz

Article number: 340557

Product description:

Mast amplifiers for LTE 700 & 800 MHz - 24 VDC

TRIAX mast electronics includes easy-to-mount high performance range of mast amplifiers w/ F-connectors. The MFA range are multiband amplifiers featuring 1-2-3 inputs and 1-2 outputs; as well as cut off channels Ch 49...69 & Ch 60...69

- Powered by 24 VDC
- LTE protected (700 & 800 models)
- Higher output level
- High shielding
- Corrosion resistant
- Flip/lock mechanism for easy installation
- Neoprene soft cable grip
- Weatherproof housing
- Supplied w/ F-connector tool
- RF shielded & CE approved (EN50083)

Specifications

ORDER INFORMATION

EAN Number	5702663405578
CHARACTERISTICS	
Type	Amplifier - mast
Max. Output level (@ -60dB IMD)	108 dB μ V
FREQUENCY	
Input 1 - frequency	470...694 MHz
Input 1 - band	UHF
Input 1 - channels	21...48
Input 2 - frequency	87...108 MHz
Input 2 - band	BII
Input 2 - channels	FM
Input 3 - frequency	174...230 MHz
Input 3 - band	BIII
Input 3 - channels	DAB
LTE protection	@ 700Mhz
GAIN	
Input 1 - gain	20...35 dB
Input 1 - noise figure	2.5 (@174...230MHz) 2.0 (@470...694Mhz) dB
Input 2 - gain	10...22 dB
Input 2 - noise figure	2.5 dB
Input 3 - gain	10...22 dB
Input 3 - noise figure	2.5 dB
LOSS	
Rejection @ 714 MHz (Ch. 51)	17.0 (@gain=30dB) dB
RETURN LOSS	
Return Loss	10 dB
ELECTRICAL	
Impedance	75 Ω
OPERATIONAL	
LED indicator	Green
DC Operating voltage	24 VDC
DC Current consumption	42 mA

CONNECTORS	
Number of inputs	3
Number of outputs	1
Connector Type	F-female
MECHANICAL	
Product Height	115 mm
Product Depth	60 mm
Product Width	137 mm
Colour	RAL 7016 - Anthracite grey
Packing QTY	1
Packaging Height	0,144 m
Packaging Width	0,070 m
Packaging Depth	0,110 m
Packaging Volume	0,001 m3
Net Weight	0,250 kg
Tara Weight	0,080 kg
Total Weight	0,330 kg