



MFA 657 mast amp,3 inp,700 MHz

Art. Number 340557

## 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)

## Technical Specifications

### ORDER INFORMATION

EAN Number 5702663405578

### CHARACTERISTICS

Max. Output level (@ -60dB IMD) | dBμV 108 dBμV

### FREQUENCY RANGE

Band	FM / VHF / UHF
Input 1 - frequency   MHz	470...694 MHz
Input 1 - channels	21...48
Input 2 - frequency   MHz	87...108 MHz



## Technical Specifications

Input 2 - channels	FM
Input 3 - frequency   MHz	174...230 MHz
Input 3 - channels	DAB
LTE protection	@ 700Mhz

### GAIN

Input 1 - gain   dB	20...35 dB
Input 1 - noise figure   dB	2.5 (@174...230MHz) 2.0 (@470...694Mhz) dB
Input 2 - gain   dB	10...22 dB
Input 2 - noise figure   dB	2.5 dB
Input 3 - gain   dB	10...22 dB
Input 3 - noise figure   dB	2.5 dB

### RETURN LOSS

Return Loss   dB	10 dB
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### ELECTRICAL

Impedance   $\Omega$	75 $\Omega$
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### OPERATIONAL

LED indicator	Green
DC Operating voltage   VDC	24 VDC
DC Current consumption   mA	42 mA

### CONNECTORS

Number of inputs	3
Number of outputs	1

### MECHANICAL

Colour	RAL 7016 - Anthracite grey
Packing QTY	1
Product Height   mm	57 mm
Product Width   mm	140 mm
Product Depth   mm	113 mm
Packaging Height   m	0.062 m
Packaging Width   m	0.140 m
Packaging Depth   m	0.120 m
Packaging Volume   m <sup>3</sup>	0.001 m <sup>3</sup>
Net Weight   kg	0.246 kg
Tara Weight   kg	0.040 kg
Total Weight   kg	0.286 kg