

MFA 671 UHF AMP LTE 700 17dB

Art. Number 340671



MFA 671 - UHF - mast amplifier

The TRIAX MFA 671 is a single input UHF (Ch. 21-48) low noise, highly RF-shielded mast amplifier within a modern Anthracite plastic housing for mounting at the antenna mast or under the roof.

The MFA 671 amplifier has a built-in LTE filter to effectively suppress LTE downstream signals above Ch. 48 (from 694 MHz) and is capable of sustaining strong input signals of more than 95 dBμV from the antenna without overloading.

The amplifier is easy, quick and safely mounted by means of the cable binder which can be detached again from the mast without any problems.

Wall mounting is also possible. Cables are mounted by means of F-connectors.

The amplifier is voltage fed through the output.

The power supply range (5-24 VDC) together with an exceptional ripple suppression, makes it ideal to be supplied with 5 Volt from a DVB-T receiver, TV set or from an external 5-24 Volt DC Power Supply.

- LTE 700 Protected
- Power supply range 5-24 Vdc
- F-connectors on all in- and outputs
- Waterproof masthousing
- RF shielded & CE approved (EN 50083)

Technical Specifications

ORDER INFORMATION

EAN Number 5702663406711

CHARACTERISTICS

Max. Output level (@ -60dB IMD) | dBμV 112 dBμV

FREQUENCY RANGE

Band	UHF
Channels	21...48
Input 1 - frequency MHz	470...694 MHz
Input 1 - channels	21...48
LTE protection	@ 700Mhz

Technical Specifications

GAIN

Input 1 - gain dB	17 dB
Input 1 - noise figure dB	2.2 dB

RETURN LOSS

Return Loss dB	>10 dB
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ELECTRICAL

Impedance Ω	75 Ω
Max surge voltage kV	1 kV

OPERATIONAL

LED indicator	Green
DC Operating voltage VDC	5...24 VDC
DC Current consumption mA	55 mA
Temperature - operating °C	-25 to + 55 °C
Temperature - storage °C	-25 to + 55 °C
Temperature - shipping °C	-40 to + 70 °C

CONNECTORS

Number of inputs	1
Number of outputs	1
Connector Type	F-female

MECHANICAL

Dimensions carton (H x D x W) mm	112x60x117 mm
Colour	RAL 7016 - Anthracite grey
Packing QTY	1
Product Height mm	107 mm
Product Width mm	113 mm
Product Depth mm	58 mm
Packaging Height m	0.131 m
Packaging Width m	0.070 m
Packaging Depth m	0.125 m
Packaging Volume m3	0.001 m3
Net Weight kg	0.162 kg
Tara Weight kg	0.047 kg
Total Weight kg	0.209 kg
Remarks	Build-in LTE filter to suppress LTE signals below CH 21 and above CH48. Can be supplied from 5 to 24V (TV set, STB, PSU). High ESD and surge protection.