

904 BROADBAND AMPLIFIERS

AMPLIFIER UHF-BIII-BI/FM LTE800 EVEREST



Code : **9040137**

Model : **CA-641**

Description

Broadband amplifier for head-end, with three inputs and different frequency configurations, compatible with the transmission of LTE800 mobile telephone signals. The built-in power supply unit can feed a preamplifiers by means of a switch. Optional external power supply for redundant power. Output test-point to adjust the installation without having to disconnect the TV signal.

Applications

Large-scale digital and analogue MATV installations which are affected by the transmission of LTE800 mobile telephone signals. Suitable for installations where the channels of each band are received at similar levels. Adjustment by means of switches and regulators which control the gain at each input.

Characteristics

Made from zamak and galvanised steel plate to provide maximum shielding. Input and output connectors in the opposite sides to facilitate installation. F-type connectors.

| CODE | 9040137 | | | |
|-------------------------------|--------------|--|--------------|--------------|
| MODEL | CA-641 | | | |
| Number of inputs/outputs/test | | 3 / 1 / 1 | | |
| Frequency range | Band | UHF | BIII/DAB | BI/FM |
| | MHz | 470-790 | 160-260 | 47-108 |
| LTE Filter | | LTE800 | | |
| Gain | dB \pm TOL | 45/30 \pm 1,0 Switchable | 32 \pm 1,0 | 32 \pm 2,0 |
| Gain adjustment | dB | 16 | 20 | |
| Output level | dB μ V | 117 DIN 45004B 114 (IMD ₃ -60 dB) 107 (IMD ₂ -60 dB) | | |
| Noise figure | dB | 6 \pm 1,0 | 7 \pm 1,0 | 8 \pm 1,0 |
| Output voltage | Vdc | 24 | | |
| | mA | 60 | | |
| Mains voltage | Vac | 99-264 | | |
| | W | 7 | | |
| External voltage | Vdc | 24 | | |
| | mA | 240 | | |
| Operating temperature | °C | -10 ... +65 | | |
| Protection index | | IP 20 | | |