904 BROADBAND AMPLIFIERS

AMPLI UHF-UHF-BIII-BI/FM LTE800 EVEREST



Code : **9040131**

Model : **CA-642**

Description

Broadband amplifier for head-end, with four 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		9040131			
MODEL		CA-642			
Number of inputs/outputs/test		4 / 1 / 1			
Frequency range	Band	UHF1	UHF2	BIII/DAB	BI/FM
	MHz	470-790		160-260	47-108
LTE Filter		LTE800			
Gain	dB± TOL	45/30 ± 1,0 Switchable		32 ± 1,0	32 ± 2,0
Gain adjustment	dB	16		20	
Output level	dBµV	117 DIN 45004B 114 (IMD_3 -60 dB) 107 (IMD_2 -60 dB)			
Noise figure	dB	9 ±1,0		7 ±1,0	8 ±1,0
Output voltage	Vdc	24			
	mA	60			
Mains voltage	Vac	99-264			
	W	8,8			
External voltage	Vdc	24			
	mA	300			
Operating temperature	°C	-10 ... +65			
Protection index		IP 20			