

904 BROADBAND AMPLIFIERS

AMPLIFIER UHF-BV-BIV-BIII/DAB LTE700

Code : **9049904**

Model : **CA-461**

Description

Broadband head-end amplifiers with four inputs. Built on a compact chassis, they are capable of supplying a signal to a large number of outlets.

Applications

Designed for analogue and digital terrestrial TV installations in medium-sized MATV networks or individual installations. They are used as the head-end amplifier of the installation.

Characteristics

Made from ABS plastic, with an internal zamak chassis of which provides maximum shielding. F type connectors which affords a connection with minimum mismatching and high shielding. Power supply unit insulated from the rest of the high frequency circuit, complying with all safety standards.



| CÓDIGO-CODE-CODE | | 9049904 | | | |
|--|------------|---|-----------------------|-----------------------|---------|
| MODELO-MODEL-MODELE | | CA-461 | | | |
| Número de entradas Number of inputs Numero ingressi | | 4 | | | |
| Rango de frecuencia Frequency range Range di frequenza | Band | BIII/DAB | BIV | BV | UHF |
| | MHz | 160-260 | 470-F1 ⁽¹⁾ | F2-694 ⁽¹⁾ | 470-694 |
| Ganancia Gain Guadagno | dB ±TOL | 35±1,5 | | | |
| Regulación de ganancia Adjustable gain range Rango di guadagno regolabile | dB | 20 | 16 | | |
| Nivel de salida Output level Livello di uscita | dB μ V | 114 (DIN45004B) 111 (IMD3 -66dB) AM-TV 123,5 (IMD3 -35dB) DVB-T 104 (IMD2 -60dB) | | | |
| Figura de ruido Noise figure Figura di rumore | dB ±TOL | 4±1,5 | 8±1,5 | | |
| Pérdidas de retorno Return losses Perdite di ritorno | dB | ≥10 | | | |
| Tensión de salida Output voltage Tensione di uscita | Vdc | 12 | | | |
| | mA | 50 _{AUTO} | | | |
| Tensión de red Mains voltage Tensione di rete | Vac | 230±15% 50/60Hz | | | |
| | W | 4 | | | |
| Temperatura de funcionamiento Operating temperature Temperatura di funzionamento | °C | -10.. +65 | | | |
| Índice de protección Protection index Indice di protezione | | IP20 | | | |