# 904 BROADBAND AMPLIFIERS

## AMPLIFIER 2 OUTPUTS 24 VDC

Code : **9040060**

Model : **CA-210**

Description

Broadband head-end amplifiers with several inputs. Built on a compact chassis, they are capable of supplying a signal to a large number of outlets. Some of the models have two identical outputs in order to increase the number of outlets. Available on request in 125 or 240 V~.

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. The two outputs models facilitate star-shaped distribution from the head-end through the use of splitters.

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 | | 9040060 | | 9040061 | |
|---|---|---|---|---|---|
| MODELO-MODEL-MODÈLE | | CA-210 | | CA-215 | |
| Salidas<br>Outputs<br>Sorties | | 2 | | | |
| Rango de frecuencia<br>Frequency range<br>Gamme de frequences | Band | VHF | UHF | VHF | UHF |
| | MHz | 40-400 | 470 - 862 | 40-400 | 470 - 862 |
| Ganancia<br>Gain<br>Gain | dB | 24 ±2,0 | 25 ±2,0 | 24 ±2,0 | 25 ±2,0 |
| Regulación de ganancia<br>Gain adjustment<br>Réglage du gain | dBµV | 16 | 12 | 16 | 12 |
| Nivel de salida<br>Output level<br>Niveau de sorties | dBµV | 102 DIN 45004B<br>99 ($IMD_3$ -60 dB)<br>86 ($IMD_2$ -60 dB) | | | |
| Nivel de salida<br>Output level<br>Niveau de sorties | dBµV | 86 CTB<br>80 CSO<br>89 XMOD | | | |
| Figura de ruido<br>Noise figure<br>Facteur de bruit | dB | <4,5 | <3,0 | <4,5 | <3,0 |
| Perdidos de retorno<br>Return loss<br>Pertes de retour | dB | ≥10 | | | |
| Tensión de salida<br>Output voltage<br>Tension sortie | V⎓ | 24 | | 12 | |
| | mA | 55 | | 60 | |
| Tensión de red<br>Mains voltage<br>Tension du secteur | V~ | 230±10% 50/60 Hz | | | |
| | VA | 20 | | | |
| Temperatura de funcionamiento<br>Operating temperature<br>Temperature de fonctionnement | °C | -10..+65 | | | |
| Índice de protección<br>Protection index<br>Indice de protection | | IP 20 | | | |