

904 BROADBAND AMPLIFIERS

DISTRIBUTION AMPLIFIER TV (VR 65 MHZ)

Code : **9040156**

Model : **DA-603**



Broadband distribution amplifier for terrestrial TV (117 dBuV). It has a gain control and variable slope control. It amplifies the return path from 5 to 65 MHz. Fed by an external power supply model FF-200 (included with the amplifier). The input and output test points permit checking and adjusting the installation with no need to disconnect the TV signal.

It can be used as a distribution amplifier in large installations or cable networks. It can also be used as a line amplifier in small cable networks. These installations usually have long runs of cable that attenuate and unbalance the signal, with higher frequency channels being more attenuated. Distribution amplifiers compensate this loss by means of the slope control, while amplifying the signal and adding as little noise as possible.

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

| CÓDIGO-CODE-CODE | | 9040155 | | 9040156 | |
|---|---------|--|--|--|--|
| MODELO-MODEL-MODÈLE | | DA-601 | | DA-603 | |
| Número de entradas Number of inputs Nombre d'entrées | | 1 + test | | | |
| Número de salidas Number of outputs Nombre de sorties | | 1 + test | | | |
| Rango de frecuencia Frequency range Gamme de fréquences | Band | RETURN | TV | RETURN | TV |
| | MHz | 5-30 | 47-862 | 5-65 | 86-862 |
| Ganancia Gain Gain | dB ±TOL | 20 ±1,0 | 34 ±1,0 | 20 ±1,0 | 34 ±1,0 |
| Regulación de ganancia Gain adjust Réglage de gain | dB | - | 20 | - | 20 |
| Margen de ecualización Adjustable equalization range Plage de réglage de pente | dB | - | 18 | - | 18 |
| Nivel de salida Output level Niveau de sortie | dBµV | 114 (DIN 45004B) 111 (IMD3 -60 dB) 105 (IMD2 -60 dB) | 117 (DIN 45004B) 114 (IMD3 -60 dB) 107 (IMD2 -60 dB) | 114 (DIN 45004B) 111 (IMD3 -60 dB) 105 (IMD2 -60 dB) | 117 (DIN 45004B) 114 (IMD3 -60 dB) 107 (IMD2 -60 dB) |
| Test de salida Output test point Sortie test | dB | -30 | | | |
| Pérdidas de retorno E/S Return loss I/O Pertes de retour E/S | dB | ≥10 | | | |
| Figura de ruido Noise figure Facteur de bruit | dB | 8,5 ±10 | | | |
| Alimentación Power supply Alimentation | V - | 24 | | | |
| | mA | 200 | | | |
| Temperatura de funcionamiento Operating temperature Température de fonctionnement | °C | -10 .. +65 | | | |
| Índice de protección Protection index Indice de protection | | IP 50 | | | |
| Unidades por embalaje Units per packing Unités par emballage | | 1 | | | |
| Peso embalaje Packing weight Poids emballage | Kg | 0.63 | | | |
| Dimensiones embalaje Packing dimensions Dimensions emballage | mm | 245 x 160 x 40 | | | |

