904 BROADBAND AMPLIFIERS

DISTRIBUTION AMPLIFIER TV (VR 30 MHZ)



Code : **9040155**

Model : **DA-601**

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 30 MHz. Fed by a 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 mens 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			