904 BROADBAND AMPLIFIERS

DISTRIBUTION AMPLIFIER DOUBLE TV/SAT



Code : **9040065**

Model : **DA-520**

Description
Broadband distribution amplifier for terrestrial TV and satellite IF. One part of the amplifier amplifies the IF ignal while rejecting the TV signals. The other part of the amplifier amplifies the TV and IF signals, distributing the TV signal to the two outputs. Includes a gain control on each TV and SAT band, a variable equaliser on the TV band and a switchable equaliser on the SAT band. Fed by a built-in switching power supply.

Applications
Designed for SMATV installations with double coaxial cable for distribution. The installation is made with a single amplifier for the two distribution cables.

Characteristics
Made from zamak and galvanised plate for maximum shielding. Separate housings for the power supply unit and the high frequency circuit. F-type connectors, located on the lower part to make installation easier.

CODE		9040065		
MODEL		DA-520		
Inputs / Outputs		2/2		
Frequency range	Band	TV	SAT 1	SAT 2
	MHz	47-862	950-2,400	950-2,400
Gain	dB±TOL	34 ±2.0	42 ±2.0	42 ±2.0
Flatness response	dB	±0.7	±0.75	±0.75
Gain adjustment	dB		15	
Fixed equalization	dB	3	6	6
Adjustable equalization range	dB	18	7 Switchable	7 Switchable
Output level	dBµV	2x 118 DIN 45004B 2x 115 (IMD_3 -60 dB) 2x 108 (IMD_2 -60 dB) 2x 102 (CTB -60 dB) 2x 103 (CSO -60 dB) 2x 102 (XMOD -60 dB)	120 (IMD_3 -35 dB) 110 (IMD_2 -35 dB)	120 (IMD_3 -35 dB) 110 (IMD_2 -35 dB)
Return loss I/O	dB	≥16(-1,5 dB/eighth) ≥12	≥14	≥14
Chroma - luminance delay	ns	<40		
Noise figure	dB	7 ±1.0	10 ±2.0	10 ±2.0
Fuse	V~	250		
	A	1.5		
Mains voltage	V~	90-264 50/60 Hz		
	W	11		
Operating temperature close to equipment	°C	-10..+65		
Room temperature with/without fan	°C	-10..+55/+45		
Protection index		IP 50D		
Units per packing		1		
Packing weight	Kg	1.95		
Packing dimensions	mm	220 x 200 x 60		