

CATV systems

TV amplifiers

J21B - J31B

Push-pull amplifiers with excellent performance in band linearity and flatness. This unit conforms to standard EN60065 and is manufactured in die cast housing with F connectors and direct connection to the mains. Shielding factor to standard EN50083-2. It is possible to equalise cable losses from 0 to 20dB. Mains voltage 220-240V~, 50-60Hz. Power consumption 3.5W.

J21B
J31B



Item	Code	Gain (adj.) dB	No. of outputs	Output level dB μ V	Noise figure dB	Frequency MHz	Operating temperature °C	Packaging Pcs
J21B	223023	21 (20)	1	117	10	47-862	-10 to +55	1
J31B	223024	31 (20)	1	117	10	47-862	-10 to +55	1

TV amplifiers

AMP9762 - AMP9762B

Terrestrial line amplifiers with return path. To be used as the final amplifier before wall outlets. Normally used to amplify signals in small distribution networks. These amplifiers can be used at the output of an optical link. All the adjustments are internally located under the die cast cover to prevent unauthorised access. The die cast cover is secured with safety screws. For installation, supports are available (item MBX0001 see page 64) that leave a space of 19mm between the amplifier and the wall, allowing room for cables or the amplifier to be mounted in different positions. Packaging 1 pc.

AMP9762
AMP9762B



- Gain and slope can be adjusted
- Passive or active return path, switchable by the installer

Item Code	AMP9762* - AMP9762B 235051 - 235055		
Bandwidth	MHz	5-30 (AMP9762), 5-65 (AMP9762B) 47-862 (AMP9762), 88-862 (AMP9762B)	
Gain	dB	25 **	40
Flatness	dB	±2	±2
Gain adjustment	dB	-	0-20
Slope adjustment	dB	-	0-20
Max. output level			
IM3 -60dB 3 unequal tones	dB μ V	100	120
IM3 -54dB 2 equal tones	dB μ V	100	120
IM3 -52dB 3 equal tones	dB μ V	98	118
IM3 -60dB 3 equal tones	dB μ V	94	114
IM3 -60dB 2 equal tones	dB μ V	97	117
IM2 -60dB 2 equal tones	dB μ V	95	115
Noise figure	dB	3	8
Impedance	Ohm		75
Connectors	Type		F
Test point	dB		-30
Mains voltage	Vac, Hz		220-240, 50-60
Power consumption	W		9
Protection index			IP20
Dimensions (l x h x w)	mm		194x143x53
Operating temperature	°C		-10 to +55

* UK version available: AMP9762UK - Code 235054

** Return path gain can be set to -2dB.