

DISTRIBUTION AMPLIFIERS

MOON DISTRIBUTION AMPLIFIERS

WAF Series

High-power, high-performance broadband amplifiers, ideal for the distribution of terrestrial and satellite television signals.

APPLICATION

Ideal for amplifying all TV channels in communal installations.

FEATURES

- High output power.
- Compact aluminium metal housing for high gain and high-power output.
- High linearity, power and gain in a lightweight, compact design.
- Output slope equalisation.
- Integrated power supply, easily removable if repairs are required.
- Allows the return path to pass through in an extended bandwidth and features slope control for the forward path.
- The WAF 422 model is suitable for a two-cable system with two independent satellite TV circuits and one shared circuit for terrestrial TV, in addition to the return path.



Food	V	195–265
Operating temperature	°C	0–50

MODEL		WAF 210		WAF 311			WAF 422			
Reference		35150		35152			35154			
Number of inputs		1		1			2			
Number of exits		1		1			2			
Test		2 (Input + Output)		2 (Input + Output)			4 (2 Outputs + 2 Inputs)			
Band	MHz	5 ÷ 65	86–862	5 to 65	86–862	950–2150	4 ÷ 65	86 ÷ 862	950 ÷ 2150	950 ÷ 2150
Max. output level	dBμV	115	120	115	120		-	118	120	
Return losses	dB	≥10		≥10		≥6	≥10		≥6	
Gain	dB	15	40	15	40	35–43	-2	40	35 ÷ 43	
Level control	dB	0–20		0 to 20			0–20			
Equalisation	dB	-	0–20	-	0–20	7	-	0–20	7	
Test attenuation	dB	30								
Noise figure	dB	≤10	≤8	≤10	≤8	≤10	-	≤8	≤10	
Connectors		F (female)								
Power consumption	W	6		7			8			
Packaging dimensions	mm	166 x 274 x 62								
Weight	kg	0.65								