

MULTIBAND AMPLIFIERS

MOON MULTIBAND AMPLIFIERS

MAF Series

High-power multiband amplifiers for the distribution of terrestrial and satellite television signals.

APPLICATION

Ideal for amplifying signals from various antennas in communal installations.

FEATURES

- High output power.
- Compact aluminium metal housing for high gain and a high-power output level.
- Switchable pre-amplifier feed.
- High linearity.
- Integrated power supply, easily removable if



Food	V	195-265
Operating temperature	°C	-10 to 50

repairs are required.

- Low input noise figure.
- LTE protection filters for interfering signals (694 or 790 MHz depending on model).
- Models with satellite input available: MAF 311 and MAF 411.

LAND ENTRANCE MODELS

MODEL		MAF 301			MAF 401			
Part number		35100			35105			
Inputs		BI/FM	DAB/BI/II	UHF	BI/FM	DAB/BI/II	UHF	UHF
Frequency band	MHz	88-108	174-230	470-694	88-108	174-230	470÷694	470÷694
Output level DIN 45004 B (-60dB)	dBµV	117		119	117		119	
Gain	dB	30		45	30		45	
Gain control	dB	20						
Test output level	dB	-30						
Noise figure	dB	6						
Preamplifier power supply 24Vdc	mA	-		100	-	-	100	
Power consumption	W	10						
Packaging dimensions	mm	166 x 274 x 62						
Weight	kg	0.65						

LANDLINE + SATELLITE MODELS

MODEL		MAF 311				MAF 411				
Reference		35115				35120				
Inputs		BI/FM	DAB/BI/II	UHF	SAT	BI/FM	DAB/BI/II	UHF	UHF	SAT
Frequency band MHz		88-108	174-230	470-694	950-2150	88-108	174÷230	470÷694	470÷694	950-2150
Output level DIN 45004 B (-60dB) SAT (-35dB) dBµV		117		119	120	117		119		120
Gain dB		30		45	35-43	30		45		35-43
Gain control dB		20								
Test output level dB		-30								
Noise figure dB		6								
Preamplifier power supply 24Vdc mA		-		100	-	-	-	100		-
LNB power supply 13/17Vdc/22KHz mA		-			200	-				200
Power consumption W		12								
Packaging dimensions mm		166 x 274 x 62								
Weight kg		0.65								