

SUMMA Series

Medium-power amplifiers designed for distribution of terrestrial and satellite TV signals.

APPLICATION

Suitable for headend amplification of the signal coming from multiple antennas in community installations.

CHARACTERISTICS

- Supply to pre-amplifiers at UHF inputs: 0/12/24 Vdc, switch selectable.
- Regulation by attenuators for higher linearity (on models with 20dB of regulation).
- Interstage attenuation on all models to ensure optimum noise figure in any situation.
- Adapted to the digital dividend, UHF higher frequency switchable between 790 and 862 MHz. (FMA 338-35955 not LTE switchable).
- SAT input models: Model 538S FMA signal generator available for LNB control: 0/13/18V, 0/22KHz and others allow the passage of the signal from an individual receiver.
- Switching power supply, which reduces consumption and internal temperature, and guarantees a long life of equipment.
- Robust metal box.
- Test output: -30 dB of output level.



Input power supply	230 Vac \pm 15%
Operating temperature	0 \div 50 $^{\circ}$ C
Packing dimensions	257 x 147 x 89 mm
Weight	0,95 Kg

MODEL	FMA 238		FMA 338		FMA 430			
Reference	35954		35955		35950			
Nbr. of inputs	2		2		4			
Band	FM;DAB	UHF	FM;DAB	UHF	BI:FM	BIII;DAB	UHF	SAT
Band coverage	88 \div 108 174 \div 230	470 \div 790/ 470 \div 862**	88 \div 108 174 \div 230	BIV: 470 \div 590/ BV: 614 \div 790	47 \div 108	174 \div 230	470 \div 790/ 470 \div 862**	950 \div 2300
Gain	24	38	24	38	15	20	30	-2
Regulation	20		20		15			
Noise figure	6		6		7		6	—
Output level *	110	116	110	116	106		112	—
Power supply 0/12/24 V	—	80	—	80	—	—	50	—

MODEL	FMA 430 S				FMA 438			
Reference	35951				35953			
Nbr. of inputs	4				4			
Band	BI-FM	BIII;DAB	UHF	SAT	BI-FM	BIII;DAB	UHF	UHF
Band coverage	47 \div 108	174 \div 230	470 \div 790/ 470 \div 862**	950 \div 2300	47 \div 108	174 \div 230	470 \div 790/ 470 \div 862**	470 \div 790/ 470 \div 862**
Gain	15	20	30	20(950 MHz) 25(2150 MHz)	28	30	38	
Regulation	15				20			
Noise figure	7		6	10	7		9	
Output level *	106		112	115	110		116	
Power supply 0/12/24 V	—	—	50	—	—	—	90	

MODEL	FMA 538					FMA 538 S				
Reference	35956					35952				
Nbr. of inputs	5					5				
Band	BI-FM	BIII;DAB	UHF1(21-34)	UHF2(36-69)	UHF	BI-FM	BIII;DAB	UHF	UHF	SAT
Band coverage	47 \div 108	174 \div 230	470 \div 582	582 \div 790/ 582 \div 862**	470 \div 790/ 470 \div 862**	47 \div 108	174 \div 230	470 \div 790/ 470 \div 862**	470 \div 790/ 470 \div 862**	950 \div 2300
Gain	28	30	38			28	30	38		31(950 MHz) 38(2150 MHz)
Regulation	20					20				
Noise figure	7		9			7		9		10
Output level *	106		116			110		116		120
Power supply 0/12/24 V	—	—	90			—	—	90		—

* Terrestrial: DIN 45004 B (-60 dB) SAT: DIN 45004 B (-35 dB).

** UHF frequency between 790 and 862 MHz switchable. (FMA 338-35955 not LTE switchable).