

House Amplifier 47-2400MHz

- 40dB Forward Gain

14MM-MSA103



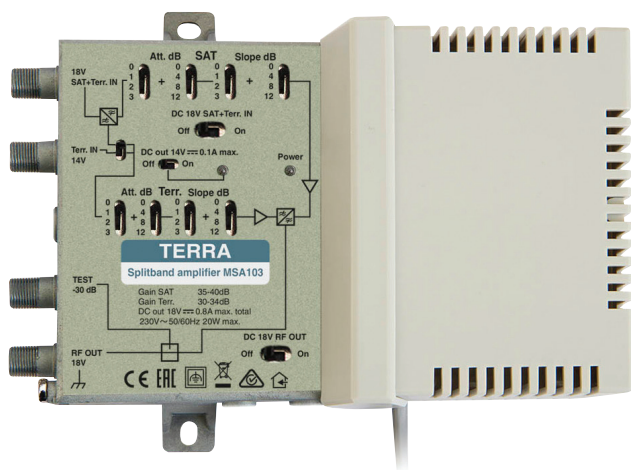
For the Best

The MSA103 is a Foxtel approved (F31100) amplifier suitable for SMS (Satellite Multisatcker), TDT and FTA systems. Designed for use in large MDU systems or apartment distribution systems where maximum amplification and slope control is required.



Features and Benefits

- » Foxtel approved (F31100) for SMS stacker and TDT systems
- » Wideband (47-2400MHz) adjustable amplification with 40dB maximum gain for sat band and 34dB max gain for terrestrial with built-in separate gain regulators for every band
- » 15dB slope control for satellite and terrestrial bands with 1dB step adjustments
- » >10dB return loss for satellite and terrestrial bands
- » Selectable input configuration with separate satellite and terrestrial inputs or combined input
- » DC output feeding for both terrestrial and satellite inputs (14VDC 100mA switchable and 18VDC 800mA switchable)



10MM-MSA103 Specifications

Frequency range	Terr. TV	47-790MHz
	SAT IF	250-2400MHz
Gain (fixed slope pre-correction)	Terr. TV	30-34dB
	SAT IF	35-40dB
Gain adjustment	Terr. TV	15dB by 1dB step
	SAT IF	15dB by 1dB step
Slope adjustment	Terr. TV	15dB by 1dB step
	SAT IF	15dB by 1dB step
Input and output return loss		≥ 12dB
Output level	Terr. TV	115dBμV IMD3=60dB, 2 equal carriers
	SAT IF	120dBμV IMD3=35dB, 2 equal carriers
Noise figure	Terr. TV	7dB
	SAT IF	8dB
Output test point		-30dB
DC feeding for external	Terr. TV	14V 100mA, switchable
	SAT IF	18V 0.8A
Power consumption*		230V ~ 50/60Hz 3.5W
Operating temperature range		-20° + +50°C
Dimensions/Weight (packed)		180x135x52mm /0.62kg

* without external DC feeding, with external DC feeding 20W

