

TERRA House Amplifier 47-2400MHz with 25dB Forward Gain 14MM-HSA001

HSA001 is a Foxtel approved (F31101) amplifier suitable for SMS (Satellite Multisatcker), TDT and FTA systems. Designed for use in small MDU systems or apartment distribution systems where low amplification and slope control is required.



Features and Benefits

- » Foxtel approved (F31101) for SMS stacker and TDT systems
- » Wideband (47-2400MHz) adjustable amplification with 25dB maximum gain for sat band and 18dB maximum gain for terrestrial with built-in separate gain regulators for every band
- » 7dB fixed slope for sat band and 4dB fixed slope for terrestrial
- » >10dB return loss for satellite and terrestrial bands
- » Compact design suitable for use inside apartments and domestic systems as well as small commercial systems
- » DC and DiSEqC signals pass (400mA maximum)

14MM-HSA001 Specifications

Forward path		
Frequency range	SAT IF	950- 2400 MHz
	Terr. TV	47-862 MHz
Gain	SAT IF	18-25 dB (pre-correction)
	Terr. TV	14-18 dB (pre-correction)
Gain adjustment	SAT IF	10 dB
	Terr. TV	15 dB
Input and output return loss	SAT IF	≥ 10 dB
	Terr. TV	≥ 10 dB
Maximal output level IMD3=35 dB (EN50083-3)	SAT IF	115 dBμV (2 equal carriers)
Maximal output level IMD3=60 dB (DIN45004B)	Terr. TV	110 dBμV
DC pass	400 mA max.	
General		
Mains power consumption	230V ~ 50 /60Hz 4W	
Temperature range	-20° + +50°C	
Dimensions	133x73x39 mm /0.36 kg	

