

300-2350MHz 10-20V DC 14-24dB Gain
Line Amplifier
14MM-SA004



The 14MM-SA004 is a line-powered wideband amplifier used between a set-top box or launch amplifier and LNB to boost the satellite signal for longer input cable runs to overcome the loss.

Features and Benefits

- » Downstream frequency range 300-2350MHz with 14-24dB gain
- » DC and tone pass through
- » Robust die-cast housing
- » Powered by set top box, 10-20VDC with 90mA maximum current draw
- » 14-24dB pre-slope built in across 300-2350MHz with maximum output: IMD3 = 35dB (EN50083-3) 115dBuV
- » Operating temperature range 20 ÷ +50 degrees C



14MM-SA004 Specifications

Frequency Range	300-2350 MHz
Gain (Fixed Slope Pre-correction)	14-24 db
Noise Figure	8 db
Maximal outlet level	IMD3=35 (EN50083-3) 115 dBQV
DC Pass	20 V 1.5 A max.
Current Consumption	10-20 V 90 mA max.
Operating Temperature Range	-20 ° ÷ + 50 ° C
Dimensions/Weight (Packed)	80x27x19mm/0.085kg