

# Multi-band Amplifier Single Input SAT & TERR 14MM-STA40A



*For the Best*

## Features and Benefits

- » Frequency range terrestrial 45-694MHz and satellite 950-2400MHz
- » 13/18VDC selectable to feed LNB
- » Fully screened case to improve performance and reduce interference



## Amplifiers and Modulators

Premium range of VHF/UHF and combination mast head and house distribution amplifiers and modulators to suit all needs. Matchmaster's range of mast head amplifiers have either 694MHz or 652MHz built in low pass LTE/4G filters to reduce interference from 4G mobile transmissions.



## 14MM-STA40A Specifications

|   |   |
|---|---|
| 1 x Input 1 x Test port (-30dB)   |   |
| TERR. Return Path   | 5-30MHz, Gain 4dB                                     |
| TERR. Forward   | 45-694MHz, Gain 34dB, 15dB adjustable, slope 0-17dB   |
| Satellite   | 950-2400MHz, Gain 40dB, 15dB adjustable, slope 0-7dB  |
| 1 x Output and 1 x Test port (-30dB)  |   |
| Changeable LPF module for LTE filter (652MHz or 694MHz, depending on your option) |   |
| Return Loss   | < 10dB  |
| Output level  | TERR > 108dB $\mu$ V, SAT > 115dB $\mu$ V (EN50083-3) |
| Noise Figure  | $\leq$ 7dB  |
| Impedance   | 75 $\Omega$   |
| Power source  | 100-240V AC/50-60Hz~                                  |
| Power consumption   | 9W  |
| Australia 3-PIN power AC power cord, Length                                       | 1.2M/ 2x0.75mm <sup>2</sup>                           |
| DC13/18V power pass to LNB, switchable  |   |
| Zinc alloy diecasting with nickel plating.  |   |
| Dimension LxWxH:209x138x54mm  |   |
| Conformity with CE directives   |   |
| Conformity with RoHS directive  |   |