

AWA01

Wideband Amplifier with Active Terrestrial



- Wideband amplifier for IRS systems
- 5 wire system with DTT
- Gain & slope control
- Terrestrial amplifier with adjustable gain
- Suitable for dCSS/dSCR multiswitches
- 4G/5G LTE built-in filters
- 12V DC line powering on terrestrial
- Supplied with power supply
- Die-cast housing with earthing point

Technical Specifications		
Part number	AWA01	
Description	Wideband Amplifier with Active Terrestrial	
User outputs	5 Inputs/5 Outputs	
Inputs	1 x Terrestrial	4 x Satellite
Frequency range	40 - 694MHz	Wideband: 250 - 2400MHz
Gain	30dB	@290MHz: 19dB @2400MHz: 32dB
Output power	120dBμV	118dBμV (EN50083-3 35dB IMA2)
Gain Adjusters	-	0...-15dB
Slope Adjusters	-	0... +8dB
Noise Figure	≤6dB	≤5dB
Return loss	>12dB	
Inputs Isolation	>40dB	
Outputs Isolation	>40dB	
LNB supply voltage	-	18V
Terrestrial supply voltage	12V (500mA)	-
Max. LNB supply current	-	600mA
Current consumption	520mA	
DC connector type	F-type	
Operating temperature	0°C to 50°C	
Dimensions	108 x 150 x 38mm	
Weight	450g	