

Mast Head Amplifier Model No. AMH-1001

Model AMH-1001 is a low noise amplifier designed for tower mounted telemetry applications. Featuring a weatherproof housing and comes complete with mounting u-bolts for easy installation on ranges and at remote locations



General Specifications

Frequency Range	1435-1540MHz (L-Band)
Gain	25dB min., 30dB typ.
Noise Figure	0.5dB max.
Output Power 1dB GCP @ +25C	10dBm min., 12dBm typ.
DC Supply	+12V (via Output Type N Connector)
Current	150mA max., 65mA typ.
VSWR Input/Output	1.5:1 max.
Operating Temperature	-20 to +60C
Connectors Input/Output	Type N Female
Weatherproof Housing	195 (L) x 127 (W) x 77 (H) mm

Typical Performance Data @ +25C

Frequency (GHz)	Gain (dB)	P-1dB (dBm)	Input VSWR	Output VSWR
1.4350	30.80		1.19	1.29
1.4875	30.90	12.70	1.24	1.28
1.5400	30.70		1.32	1.41

Option - 01

Additional Filtering

Stopband Frequency	DC-1.2GHz
Stopband Frequency	1.7-5.0GHz min.
Stopband Attenuation	50dB min.

Option - 02

Fitting Kit for 2" Mast Mounting

We reserve the right to change standard product specifications without notice but will be pleased to consider control drawings for quotation.