Norsat International Inc.

Intelligent Satellite Solutions

30 Years of Excellence SINCE 1977

BUC

KU-BAND 1240XRT 4W NON-INVERTED

TYPICAL SPECIFICATIONS

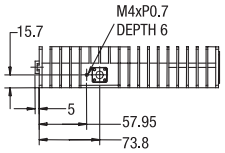
Output frequency	14.00 to 14.50 GHz
Input frequency	950 to 1450 MHz
Output to P1dB	36 dBm
L.O. frequency	13.05 GHz
Input VSWR	2.0 : 1
Output VSWR	2.0 : 1
Phase noise (SSB)	-70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz
External reference signal frequency	10 MHz
Power requirements	+15 to +24V supplied through center conductor of IF cable
Power consumption	60 W
Dimensions	220 (L) x 181 (W) x 50 (H) mm (5.9 x 5.1 x 1.7 in)
Weight	2.5 kg / 5.5 lb

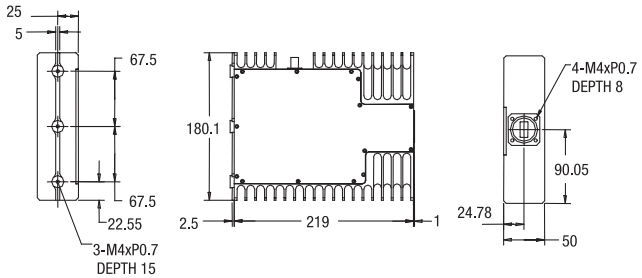
External reference level	-5 to +5 dBm
10 MHz external reference phase noise	-125 dBc/Hz at 100 Hz -135 dBc/Hz at 1 kHz -140 dBc/Hz at 10 Hz
Gain (including variation over temperature and frequency)	53 dB min 63 dB max
Gain stability over temperature	±2.0 dB at any constant frequency
Gain stability in-band at any constant temperature	±0.75 dB in any 54 MHz band ±2.5 dB over full 500 MHz band

HOW TO ORDER KU-BAND 1240XRT

1240XRTNH

- TRANSMITTER SERIES #
- P1dB.....4 - 4W
- CONNECTOR..... F - 75 Ohm
  N - 50 Ohm
- FREQUENCY..... H - 14.00 - 14.50 GHz





MECHANICAL DIAGRAM

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