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#### **Innovative Communication Solutions**

## **BUC** KU-BAND 1081XRTS 8W NON-INVERTED SELECTABLE

#### **TYPICAL SPECIFICATIONS**

Output frequency	13.75 to 14.50 GHz (14.00 to 14.50 GHz) 950 to 1700 MHz (950 to 1450 MHz) 39 dBm 12.8 GHz (13.05 GHz) 2.0 : 1 2.1 : 1 -70 dBc/Hz at 1 kHz -80 dBc/Hz at 1 kHz -90 dBc/Hz at 10 kHz 10 MHz	
Input frequency		
Output to P1dB		
L.O. frequency		
Input VSWR		
Output VSWR		
Phase noise (SSB)		
External reference signal frequency		
Power requirements	BUC: BUC & AC PS: BUC & AC PS:	
Power consumption	BUC: BUC & AC PS: BUC & AC PS:	
Output Waveguide	WR75 - grooved	
Dimensions	BUC: PS:	230 (L) x 130 (W) x 130 (H) mm (9.1 x 5.1 x 5.1 in) 258 (L) x 149 (W) x 73 (H) mm
Weight	BUC: PS:	(10.2 x 5.9 x 2.9 in) 4.0 kg / 8.8 lb 2.0 kg / 4.4 lb

External reference level

10 MHz external reference phase noise

Gain (including variation over temperature and frequency)

Gain stability over temperature

Gain stability in-band at any constant temperature

Temperature Range

-5 to +5 dBm

-135 dBc/Hz at 100 Hz -140 dBc/Hz at 1 kHz -150 dBc/Hz at 10 Hz

59 dB min 66 dB max

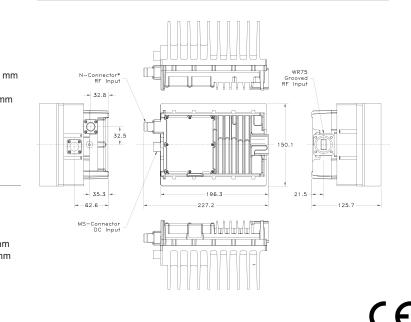
±2.25 dB at any constant frequency

 $\pm 1.0$  dB in any 54 MHz band  $\pm 3.0$  dB over full 750 MHz band

-40°C to +55°C

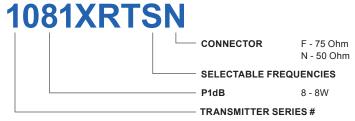
Fully contained including universal outdoor AC power supply, universal BUC support brackets, 3m cable and AC power supply cord connectors (AC PS cable not included)

#### **MECHANICAL DIAGRAM**



### HOW TO ORDER

Norsat



http://www.SatelliteDish.com 954-941-8883

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