

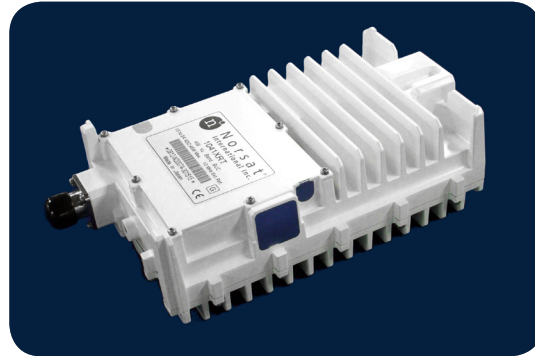


# BUC

## KU-BAND 1041XRTS

### 4W NON-INVERTED

#### SELECTABLE

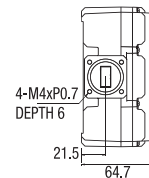
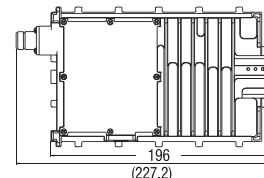
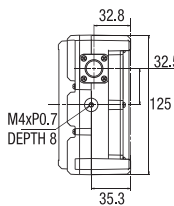
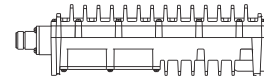
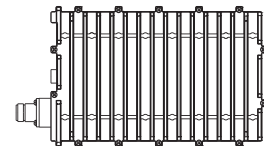


### TYPICAL SPECIFICATIONS

<b>Output frequency</b>	13.75 to 14.50 GHz (14.0 to 14.50 GHz)
<b>Input frequency</b>	950 to 1700 MHz (950 to 1450 MHz)
<b>Output to P1dB</b>	36 dBm
<b>L.O. frequency</b>	12.80 GHz (13.05 GHz)
<b>Input VSWR</b>	2.0 : 1
<b>Output VSWR</b>	2.1 : 1
<b>Phase noise (SSB)</b>	-70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz
<b>External reference signal frequency</b>	10 MHz
<b>Power requirements</b>	+15 to +24V supplied through center conductor of IF cable
<b>Power consumption</b>	45 W
<b>Output Waveguide</b>	WR75 - grooved
<b>Dimensions</b>	228 (L) x 125 (W) x 65 (H) mm (9.0 x 4.9 x 2.6 in)
<b>Weight</b>	1.9 kg / 4.2 lb

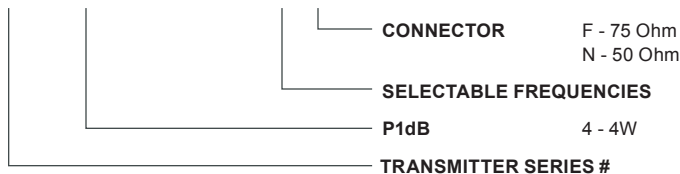
<b>External reference level</b>	-5 to +5 dBm
<b>10 MHz external reference phase noise</b>	-135 dBc/Hz at 100 Hz -140 dBc/Hz at 1 kHz -150 dBc/Hz at 10 kHz
<b>Gain (including variation over temperature and frequency)</b>	50 dB min 60 dB max
<b>Gain stability over temperature</b>	±2.25 dB at any constant frequency
<b>Gain stability in-band at any constant temperature</b>	±1.0 dB in any 54 MHz band ±3.0 dB over full 750 MHz band
<b>Temperature Range</b>	-40°C to +55°C

### MECHANICAL DIAGRAM



### HOW TO ORDER

## 1041XRTSF



Request A Quote