



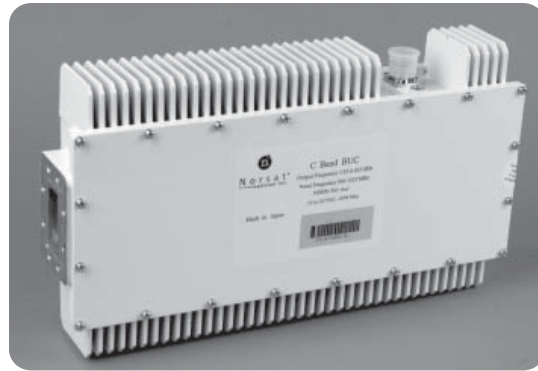
# BUC

## C-BAND 3020XPT

### 2W INVERTED

#### TYPICAL SPECIFICATIONS

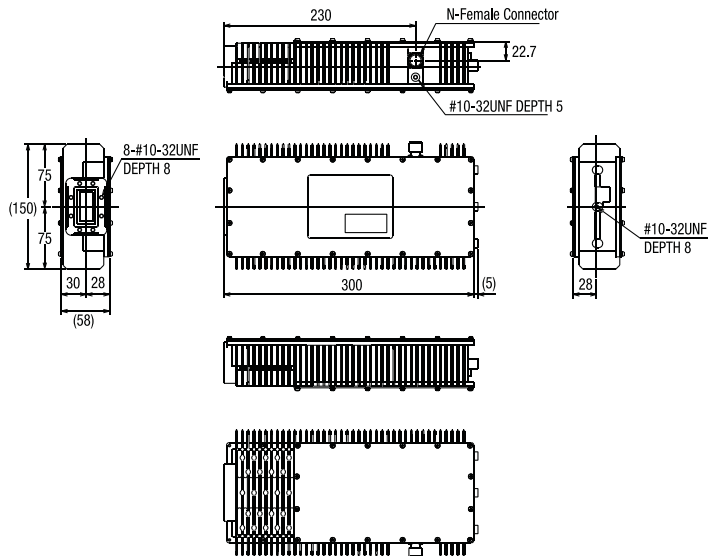
Output frequency	5.850 to 6.425 GHz
Input frequency	950 to 1525 MHz
Output to P1dB	33 dBm
L.O. frequency	7.375 GHz
Input VSWR	2.0 : 1
Output VSWR	2.1 : 1
Phase noise (SSB)	-70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -90 dBc/Hz at 100kHz
External reference signal frequency	10 MHz
Power requirements	+15 to +24V supplied through center conductor of IF cable
Power consumption	40 W
Dimensions	300 (L) x 150 (W) x 58 (H) mm (11.8 x 5.9 x 2.3 in)
Weight	3.0 kg / 6.6 lb



External reference level	-5 to +5 dBm
10 MHz external reference phase noise	-135 dBc/Hz at 100 Hz -140 dBc/Hz at 1 kHz -150 dBc/Hz at 10 Hz
Gain (including variation over temperature and frequency)	53 dB min 63 dB max
Gain stability over temperature	±2.5 dB at any constant frequency
Gain stability in-band at any constant temperature	±1.0 dB in any 36 MHz band ±2.5 dB over full 575 MHz band

#### HOW TO ORDER C-BAND 3020XPT

### 3020XPTN



#### MECHANICAL DIAGRAM