



BUC

KA-BAND 7040ST

4W NON-INVERTED

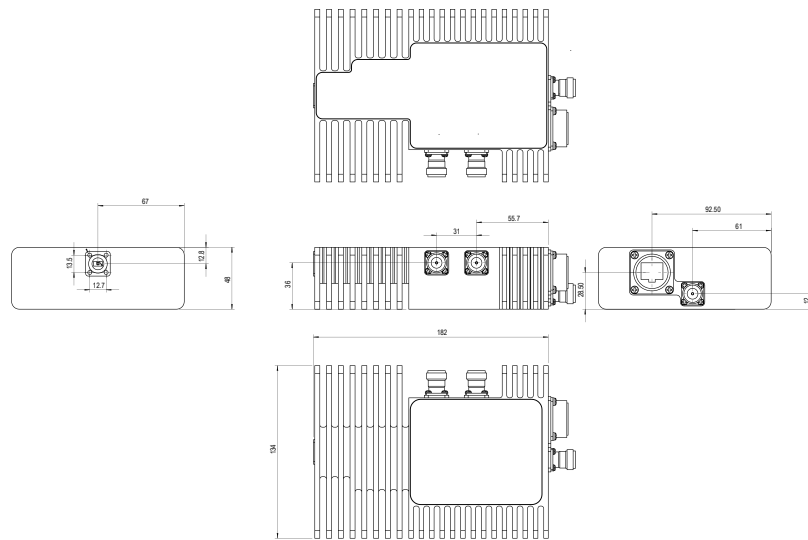


TYPICAL SPECIFICATIONS

Output frequency	30.0 GHz to 31.0 GHz (29.5 GHz to 30.0 GHz)
Input frequency	950 to 1950 MHz 1000 to 2000 MHz (optional)
Output to P1dB	> 36 dBm
L.O. frequency options	29 GHz (29.05, 28.55 GHz)
Input VSWR	1.5 : 1
Output VSWR	2.0 : 1
Phase noise (SSB)	-65 dBc/Hz at 100 Hz -75 dBc/Hz at 1 kHz -85 dBc/Hz at 10 kHz -95 dBc/Hz at 100 kHz -105 dBc/Hz at 1 MHz
External reference signal frequency	10 MHz
Power requirements	+17 to +30 V supplied through center conductor of IF cable
Power consumption	55 W
Output Waveguide	WR28 - grooved
Dimensions	220 (L) x 130 (W) x 48 (H) mm (8.7" x 5.1" x 1.9")
Weight	1.5 kg

External reference level	-5 to +5 dBm
10 MHz external reference phase noise	-140 dBc/Hz at 1 kHz
Gain	55 dB
Gain stability over temperature	±2.0 dB at any constant frequency
Gain stability in-band at any constant temperature	±0.3 dB in any 36 MHz band ±1.5 dB over full band
Temperature Range	-30°C to +60°C
Monitor & Control	Output Power Detector Gain Control +0, -15 dB, 1 dB Steps Summary Alarm

MECHANICAL DIAGRAM



HOW TO ORDER

7040STNE

