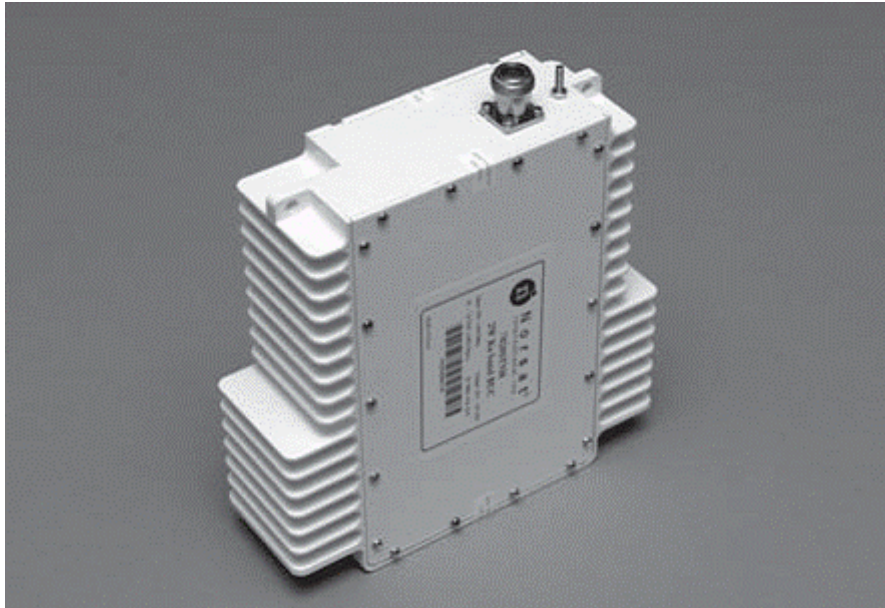


Ka-Band: 7020ST Non-Inverted 2W



Ka-Band: 7020ST Non-Inverted 2W

TYPICAL SPECIFICATIONS

Output frequency	29.5 GHz to 30.00 GHz
Input frequency	950 to 1450 MHz
Output to P1dB	33.0 dBm
L.O. frequency	28.55 GHz
Input VSWR	1.6 : 1
Output VSWR	2.0 : 1
Phase noise (SSB)	-72 dBc/Hz at 1kHz -77 dBc/Hz at 10kHz -92 dBc/Hz at 100kHz
External reference signal frequency	10 MHz
Power requirements	+17 to +24V supplied through center conductor of IF cable
Power consumption	40 W
Dimensions	190 (L) x 171 (W) x 56 (H) mm (7.5 x 6.7 x 2.2 in)
Weight	1.6 kg / 3.5 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)	50 dB min 60 dB max
Gain stability over temperature	±2.25 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 KA-BAND 7020ST

7020STNH



MECHANICAL DIAGRAM

