



LNB KA DUAL-BAND EXT. REF. 9000X-3

SPECIFICATIONS

Noise figure	1.6 dB max
L.O. stability	Phase locked to ext. ref.
Phase Noise (SSB) max.	-60 dBc/Hz at 100Hz -70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz -100 dBc/Hz at 1MHz
Input VSWR	2.2 : 1
Output VSWR	2.0 : 1
Conversion gain	58 dB (min.)
Gain Flatness Over 1000 MHz	2 dBp-p
Output P1dB	5 dBm
Image Rejection	40 dBc min.



DC Power	Band 1 Band 2	13 V 18 V
DC Current		350 mA
Waveguide Flange		WR-42
Output Connector		N:50 Ω, F: 75 Ω
Spurious	In band Out band	-60 dBc -50 dBc
Dimensions (LxWxH)		128 mm x 70 mm x 38.4 mm
Weight		500 g
Operating Temperature		-40 to + 60°C

FREQUENCY BAND EXAMPLES - Custom Options Available

	AE	BE	B	C
RF frequency (GHz)	17.70 to 18.95	18.95 to 20.20	19.20 to 20.20	20.20 to 21.20
L.O. frequency (GHz)	16.75	18.00	18.25	19.25
IF frequency (MHz)	950 to 2200	950 to 2200	950 to 1950	950 to 1950

HOW TO ORDER

9016XBC-3F



F - 75 Ohm
N - 50 Ohm
AEBE - Switching between AE & BE
BC - Switching between B & C
1.6 dB

MECHANICAL DIAGRAM

