

Innovative Communication Solutions

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

SPECIFICATIONS

1.6 dB max Noise figure

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

5 dBm

Input VSWR 2.2:1 **Output VSWR** 2.0:1

Conversion gain 58 dB (min.) Gain Flatness Over 1000 MHz 2 dBp-p

40 dBc min. Image Rejection



DC Power

Band 1 13 V Band 2 18 V

DC Current 350 mA

N:50 Ω, F: 75 Ω **Output Connector**

Spurious

Waveguide Flange

In band -60 dBc Out band -50 dBc

Dimensions (LxWxH) 128 mm x 70 mm x 38.4 mm

WR-42

Weight 500 a

Operating Temperature -40 to + 60°C

FREQUENCY BAND EXAMPLES - Custom Options Available

ΑE BE В С

RF frequency (GHz) 17.70 to 18.95 18.95 to 20.20 19.20 to 20.20 20.20 to 21.20

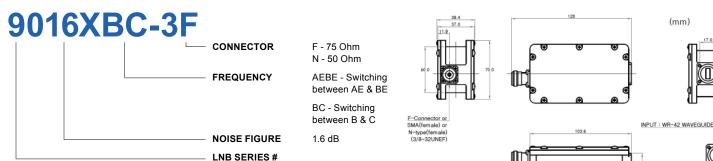
L.O. frequency (GHz) 16.75 18.00 18.25 19.25

IF frequency (MHz) 950 to 2200 950 to 2200 950 to 1950 950 to 1950

HOW TO ORDER

Output P1dB

MECHANICAL DIAGRAM





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