

Innovative Communication Solutions

LNB

KA TRIPLE-BAND EXT. REF. 9000XT-3



TYPICAL SPECIFICATIONS

Noise figure 2.0 dB max

L.O. stability Phase locked to ext. ref.

Phase noise (SSB) max -70 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz

-90 dBc/Hz at 10kHz

 Input VSWR
 2.5 : 1

 Output VSWR
 2.2 : 1

 Conversion gain
 58 dB (min)

 Gain flatness over 1000 MHz
 4 dB p-p

Output P1dB 5 dBm

Image rejection 40 dBc min for band A0 30 dBc for band A

0 dBc for band B

DC power

A0-band 13 V A-band 18 V

B-band 13 V + 22 KHz tone

DC current 350 mA (11 - 24V)

Waveguide Flange WR-42

Output connector N:50 Ω , F: 75 Ω

Spurious

In band -60 dBc @ -10dBm Out band -50 dBc @ -10dBm

 $\textbf{Dimensions} \hspace{1.5cm} 114(L) \times 70(W) \times 39(H) \text{ mm}$

Weight 500 g

Operating Temperature -40 to + 60°C

FREQUENCY BANDS AVAILABLE

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Frequency band (GHz) 17.30 to 18.30 18.30 to 19.30

L.O. frequency (GHz) 16.35 17.35

IF frequency (MHz) 950 to 1950 950 to 1950

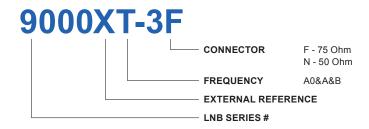
В

19.30 to 20.20

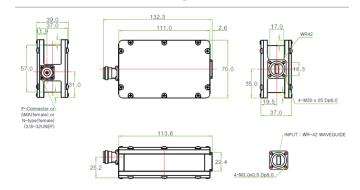
18.35

950 to 1950

HOW TO ORDER



MECHANICAL DIAGRAM





Authorized Distributor: Servsat Communications, Inc.