

X1000HAF

X1000H X-Band Single Band PLL LNB

Connector: F-75 Ohm



KEY SPECIFICATIONS

Band	X-Band
Input Frequency Band 1	7.25 - 7.75 GHz
LO Frequency 1	6.30 GHz
LO Stability	±10.0 kHz
LO Type	PLL
Noise Figure Max	0.8 dB
Noise Figure Typ	0.7 dB
Number Of Onboard Los	Single-Band
Output Frequency Band 1	950 - 1450 MHz

RF SPECIFICATIONS

Conversion Gain Max	62 dB
Conversion Gain Min	50 dB
Conversion Gain Typ	55 dB
Input VSWR	2.3 : 1 max.
Output VSWR	2.5 : 1 max.
Phase Noise 1khz Offset Max	-75 dBc/Hz
Phase Noise 10khz Offset Max	-85 dBc/Hz
Phase Noise 100khz Offset Max	-95 dBc/Hz

ELECTRICAL SPECIFICATIONS

Current Consumption	300 mA max.
Power Requirements	+12 to +24V DC

INTERFACE SPECIFICATIONS

IF Connector	F-connector 75 Ohm (waterproof)
RF Input Connector	WR-112 waveguide grooved (waterproof)



M and C SPECIFICATIONS

Led Indicators	None
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ENVIRONMENTAL SPECIFICATIONS

Humidity	0 - 95%
Temperature Operational	-40 to +60°C
Temperature Storage	-50 to +70°C

PHYSICAL SPECIFICATIONS

Dimensions (LxWxH)	137 x 70 x 59 mm
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LOGISTICS SPECIFICATIONS

HS Code	Country of Origin	Ex Works	ECCN Number	Unit Package
8517690000	Made in the Republic of Korea	Richmond, BC, Canada	EAR99	

HOW TO ORDER

X1000HAN

CONNECTOR

F - 75 Ohm
N - 50 Ohm

LNB SERIES #

MECHANICAL DIAGRAMS

