

Norsat C band DRO LNB Series (3.7 – 4.2GHz)



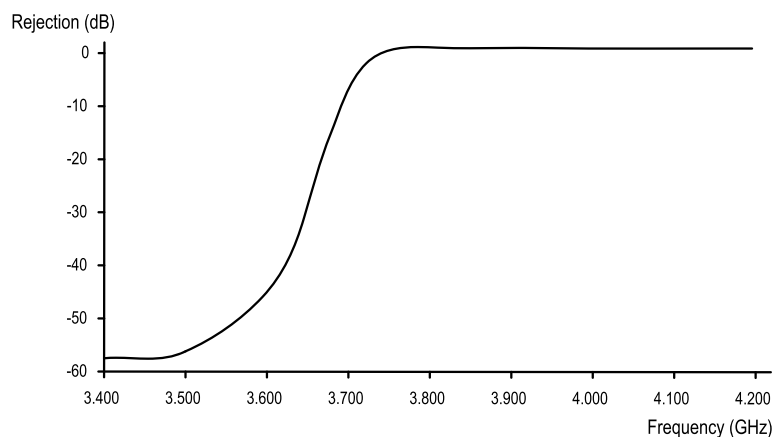
NOR-8220R



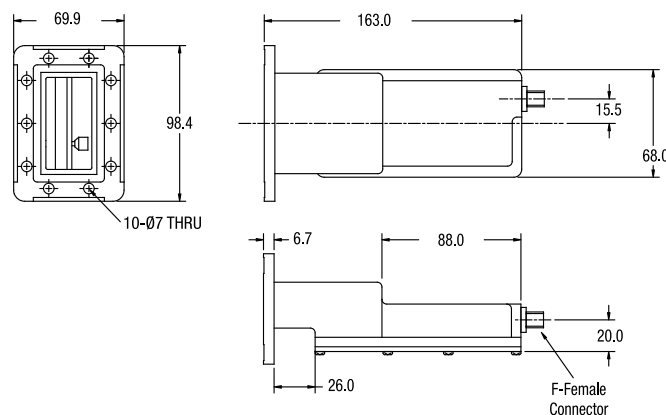
Your Trusted Source for Satellite Equipment

Input frequency	3.70 to 4.20 GHz
Output frequency	950 to 1450 MHz
L.O. frequency	5.15 GHz
Noise temperature	25K
L.O. stability (over temperature excl offset)	± 500 kHz or ± 250 kHz
Phase noise (SSB)	-70 dBc/Hz at 1kHz -90 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz
Input VSWR	2.0 : 1
Output VSWR	2.2 : 1
Conversion gain	62 dB
Output P1dB	8 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	130 mA
Input Waveguide	CPR229G
Dimensions	180 (L) x 100 (W) x 70 (H) mm (7.1 x 4.0 x 2.8 in)
Weight	425 g / 12.5 oz
Temperature Range	-40°C to +60°C

TERRESTRIAL INTERFERENCE REJECTION



MECHANICAL DIAGRAM



HOW TO ORDER

8525RF

CONNECTOR	F - 75 Ohm N - 50 Ohm
FREQUENCY	3.7 - 4.2 GHz
5 = 500 kHz 2 = 250 kHz	
LNB SERIES #	

LNB-NOR-8220R_REV002

Specifications are subject to change without notice

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