

■ Ku-band DRO LNB - L.O. Stability: ± 900 kHz -

MODEL No. **NJR2744H/54H/84H**

< **Features** >

- * **Low Noise Figure**
 · Noise Figure: 0.7 dB
- * **Low DC Current Drain**
 · DC Current Drain: 110 mA
- * **Small Size & Light Weight**
 · Weight: 210 g
- * **RoHS Compliance**



< **Line-Up** >

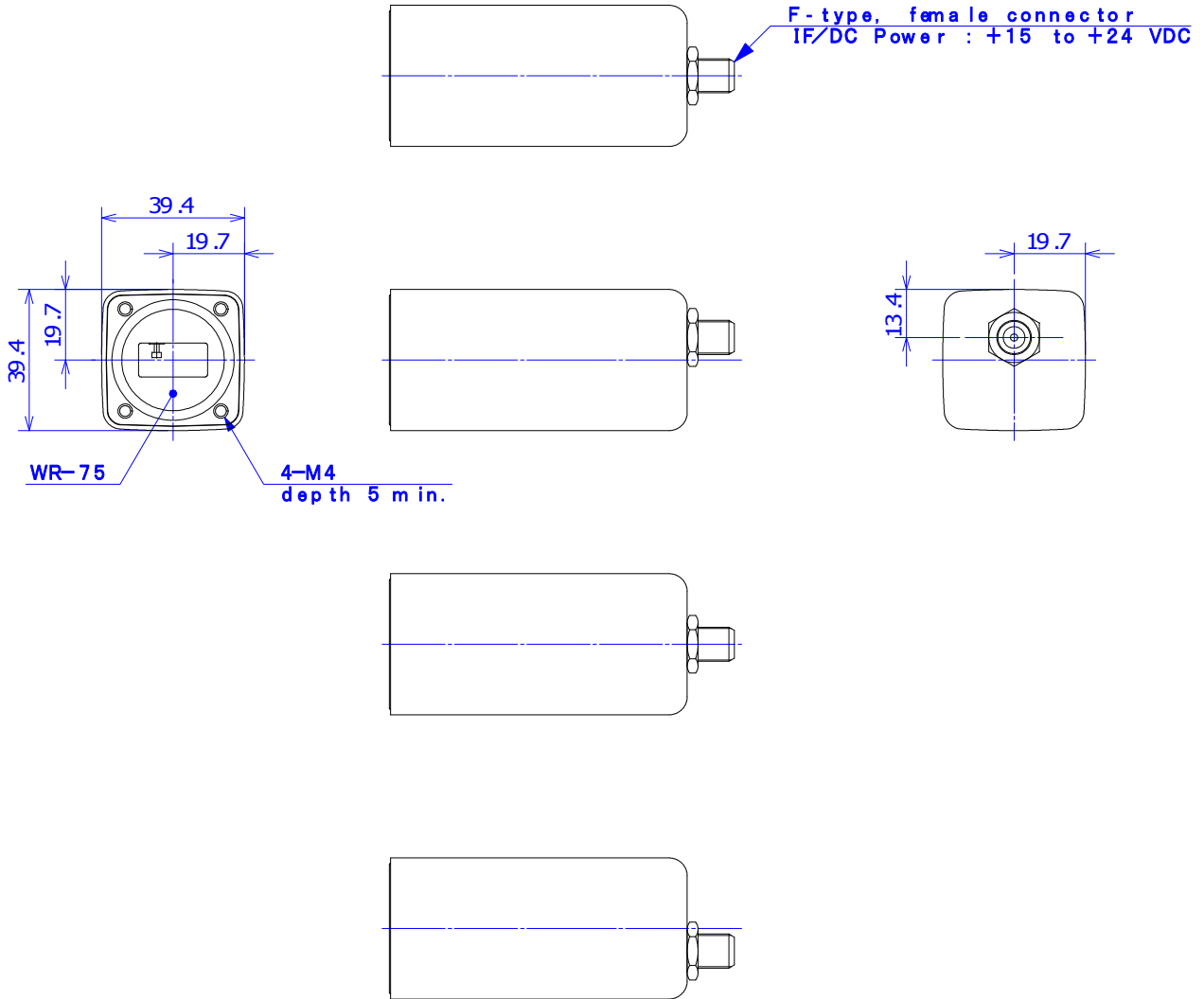
Model No.	RF Frequency	Local Frequency	IF Connector	Local Stability	IF Connector	Power Supply
NJR2784H	10.95 to 11.70GHz	10.00 GHz	950 to 1,700 MHz	+/- 900 kHz	F-type	+24 VDC (+12 to +24 VDC)
NJR2744H	11.70 to 12.20 GHz	10.75 GHz	950 to 1,450 MHz			
NJR2754H	12.25 to 12.75 GHz	11.30 GHz				

< **Specifications** >

Item	Specifications
Input Interface	Waveguide, WR75 (with Groove)
Output Interface	F-type, female (75 ohm)
Noise Figure (Ta.: +25 C)	0.7 dB typ.
Linear Gain	55 dB typ. (Ta.: +25 C) 63 dB max., 50 dB min. (Ta.: -40 to +60 C)
Local Stability	+/-900 kHz (Ta.: -40 to +60 C)
L.O. Phase Noise	-65 dBc/Hz typ. @ 1 kHz -90 dBc/Hz typ. @ 10 kHz -110 dBc/Hz typ. @ 100 kHz
L.O. Leakage Level	-50 dBm max. at the RF Input Flange
Input V.S.W.R.	2.5 : 1 typ.
Output V.S.W.R.	2.0 : 1 typ.
Power Requirement	+24 VDC (+12 to +24 VDC)
Current Drain	110 mA typ., 150 mA max.
Temperature Range (ambient)	-40 to +60 C (operating), -40 to +80 C (storage)
Dimension & Housing (without Interface Connectors)	82.2 mm (L) x 40 mm (W) x 40 mm (H) [3.24" (L) x 1.57" (W) x 1.57" (H)]
Weight	210 g [0.33 lbs]

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< Outline Drawing >



Unit: mm