



C-Band / KU-Band DRO LNBS



8215F

CONNECTOR	F - 75 Ohm N - 50 Ohm
NOISE TEMPERATURE	15 - 15K* 20 - 20K 25 - 25K 30 - 30K
L.O. STABILITY	1 - ±150 kHz* 2 - ±250 kHz 5 - ±500 kHz
LNB SERIES #	



4106A

FREQUENCY	A - 11.70 - 12.20 GHz B - 12.25 - 12.75 GHz C - 10.95 - 11.70 GHz
NOISE FIGURE	06 - 0.6 dB 07 - 0.7 dB 08 - 0.8 dB
L.O. STABILITY	1 - ±150 kHz 2 - ±250 kHz 5 - ±500 kHz
LNB SERIES #	

DRO 8000 Series C-Band Digital

FREQUENCY BANDS AVAILABLE

Typical Service	8000	8000I
Input Frequency (GHz)	3.40 to 4.20	4.50 to 4.80
L.O. Frequency (GHz)	5.15	5.95
Output Frequency (MHz)	950 to 1750	950 to 1450

TYPICAL SPECIFICATIONS

Noise Temperature	15K to 30K depending on model number
L.O. Stability (over temperature excl offset)	±150 kHz to ±500 kHz depending on model number
Phase Noise (SSB)	-65 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -95 dBc/Hz at 100kHz
Input VSWR	2.0 : 1
Output VSWR	2.2 : 1
Conversion Gain	64 dB
Output P1dB	8 dBm
Power Requirements	+15 to +24 V supplied through center conductor of IF cable
Current Drain	130 mA
Input Waveguide	CPR 229G
Dimensions	180 (L) x 100 (W) x 70 (H) mm (7.1 x 4.0 x 2.8 in)
Weight	425 g / 15 oz
Temperature Range	-40°C to +60°C

DRO 4000 Series KU-Band Digital

FREQUENCY BANDS AVAILABLE

Typical Service	4000A	4000B	4000C
Input Frequency (GHz)	11.70 to 12.20	12.25 to 12.75	10.95 to 11.70
L.O. Frequency (GHz)	10.75	11.30	10.00
Output Frequency (MHz)	950 to 1450	950 to 1450	950 to 1700

TYPICAL SPECIFICATIONS

Noise Figure	0.6 to 0.8 dB depending on model number
L.O. Stability (over temperature excl offset)	±150 kHz to ±500 kHz depending on model number
Phase Noise (SSB)	-65 dBc/Hz at 1kHz -80 dBc/Hz at 10kHz -100 dBc/Hz at 100kHz
Input VSWR	2.2 : 1
Output VSWR	2.2 : 1
Conversion Gain	64 dB
Output P1dB	8 dBm
Power Requirements	+15 to +24 V supplied through center conductor of IF cable
Current Drain	120 mA
Input Waveguide	WR75
Dimensions	85 (L) x 43 (W) x 43 (H) mm (3.3 x 1.7 x 1.7 in)
Weight	120 g / 4.2 oz
Temperature Range	-40°C to +60°C

Specifications Subject To Change Without Notice

Rev 11-10

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