

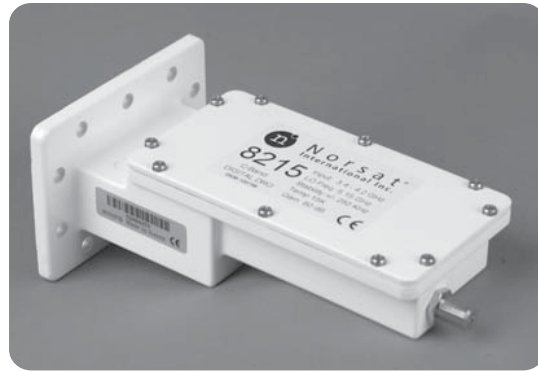


# LNB

## C-BAND Digital DRO 8000

### TYPICAL SPECIFICATIONS

Noise temperature	15K to 30K depending on model number
L.O. stability (over temperature excl offset)	±100 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



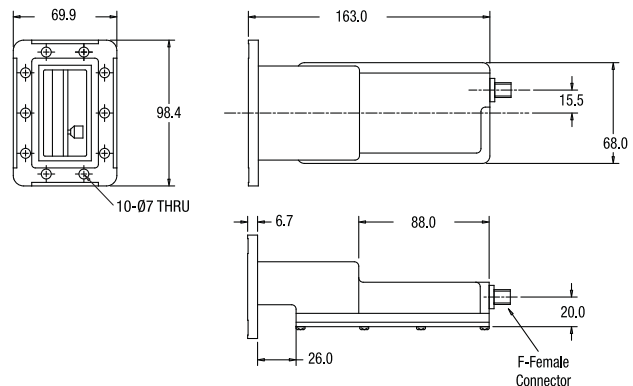
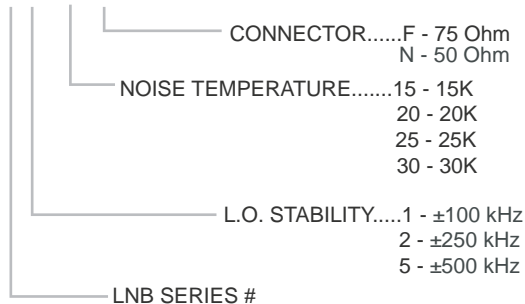
Conversion gain	64 dB
Output P1dB	8 dBm
Power requirements	+15 to +24 V supplied through center conductor of IF cable
Current drain	130 mA
Dimensions	180 (L) x 100 (W) x 70 (H) mm (7.1 x 4.0 x 2.8 in)
Weight	425 g / 15 oz

### 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	1150 to 1450

### HOW TO ORDER C-BAND 8000

#### 8215F



### MECHANICAL DIAGRAM