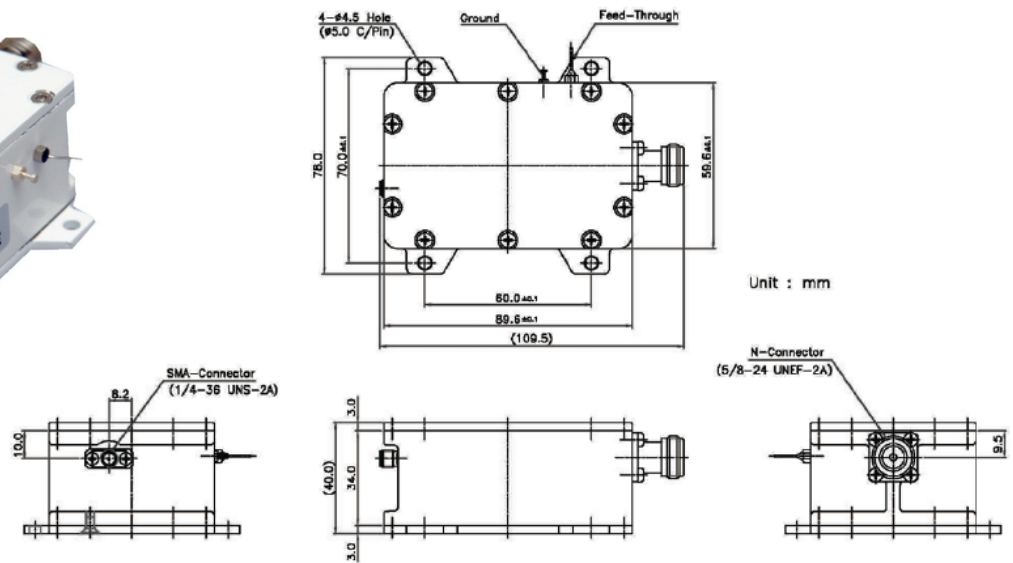


DATASHEET, BDC-9000 Series Ka-Band EXT REF



Specifications

Model	BDC-9000XA	BDC-9000XA	BDC-9000XA	BDC-9000XA
Input Frequency (GHz)	18.2– 19.2	19.20 – 20.2	20.2 – 21.2	21.20 – 22.2
L.O. frequency (GHz)	17.25	18.25	19.25	20.25
Output Frequency(MHz)	950 -1950	950 -1950	950 -1950	950 -1950
Noise figure @ 23°C	18 dB max			
L.O. Stability	Ext Ref – Subject to 10 MHz ref used			
Phase Noise (SSB)				
1kHz	-65 dBc/Hz			
10kHz	-85 dBc/Hz			
100kHz	-100 dBc/Hz			
100MHz	-106 dBc/Hz			
Input VSWR	2.2:1			
Output VSWR	2.0:1			
IF Output Frequency	950 -1950 MHz			
Conversion gain	25 Db typ			
Gain flatness	4dB p-p			
Output P1dB	5 dBm			
Input Connector	N (f)50Ω F (f)75Ω SMA(f)50Ω			
Power Requirements	+15 to +24 V			
Current drain	350 mA max			
Temperature Range	-40 to +60°C			
Dimensions (L x W x H)	109 x 78 x 40 mm			
Weight	0.35 kg			