

## 20.2 – 21.2 GHz Down Converter

▪ RF Freq (GHz)	20.2-21.2
▪ LO Freq (GHz)	10.8-11.4
▪ IF Freq (GHz)	.95-1.95
▪ LO Drive Min (dBm)	0
▪ Conversion Gain Min (dB)	50
▪ Gain Flatness Max (dB)	+/- .25
▪ SSBNF @ +20 / +65 °C Max (dB)	2.0 / 3.0
▪ P-1dB @ IF Output Min(dBm)	-10
▪ 3rd IP @ IF Output Min (dBm)	0
▪ Image Rejection Min (dB)	-30
▪ Isolation LO-RF Min (dB)	50
▪ Max RF Input No Damage (dBm)	+15
▪ Supply Voltage (VDC)	5
▪ Power Dissipation (Watts) Max	1.1
▪ Operating Temp (°C)	-30 to +65
▪ RF Connector	WR42 with Isolator
▪ IF / LO Connector	SMA Female

