

43-46 GHz Down-Converter

▪ RF Frequency (GHz)	43 - 46
▪ LO Frequency (GHz)	22.65 – 25.15
▪ IF Frequency (GHz)	20.6
▪ IF BW (MHz)	500
▪ LO Drive (dBm)	9 ± 1
▪ Conversion Gain (dB)	23 ± 3
▪ Gain Flatness (± dB)	±1.5
▪ Output P-1 dB (dBm)	+25
▪ Image Rejection Typical (dBc)	-65
▪ LO - IF Leakage Max (dBm)	-60
▪ LO - RF Leakage Max (dBm)	-65
▪ Harmonics Max (dBc)	-40
▪ Spurious (dBc) @ +5 dBm out	-50
▪ VSWR RF/LO/IF	1.5:1
▪ Supply Voltage (+ VDC)	12
▪ Supply Current (mA Max)	500
▪ RF Connector	WR-22
▪ LO & IF Connector (Female)	2.92 mm

