

W-Band Downconverter

The ATTL-DC-9296-WR10 a 92-96GHz W-Band Down converter, it is highly efficient and reliable.

Parameter	Unit	Model No.
		ATTL-DC-9296-WR10
Operating Frequency	(GHz)	92-96
IF Input	(GHz)	≤6(single carrier with modulation bandwidth upto 150 MHz)
LO	(GHz)	10.825-11.325
LO Power	(dBm)	+5
Input Power (1 dB GCP)	(dBm)	≤-20
Input Power(For survival)	(dBm)	≥10
Gain	(dB)	25
Noise Figure	Typ.(dB)	3
DC Supply Voltage	Typ.(V)	5
DC Supply Current : Single DC Supply	(A)	≤1
Mechanical Parameter Flange/Interface (W-Band)	WR10	
Interface (IF/LO)	Coaxial (SSMA, SMP or equivalent) (Chassis Mount)	
Interface (DC)	Solderable Threaded Turrets	
Small size connectors to be used. This should be finalized in	consultation with the customer	
Dimensions	35*20*20mm	
Weight	60 gms	
Temperature	-40°C to +70 °C	

OUTLINE DRAWING

