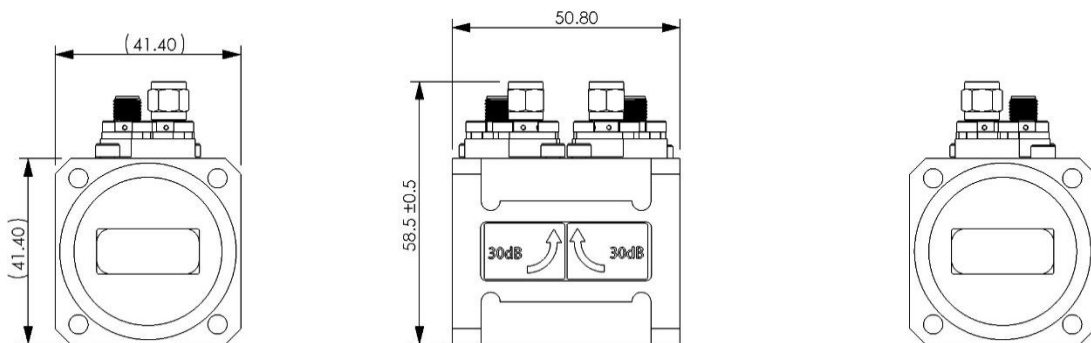


KEY FEATURES

- Compact design
- High peak handling power >100kW @ 20psi
- Typical Directivity >25dB
- Pressure sealed to 15 psig
- Bespoke Dual Coupler. Measured performance for this unit are shown below, but other designs using different flange types and connectors can be accommodated on request



TYPICAL SPECIFICATION

Parameter	Value	Units
Operating frequency	9 – 10	GHz
Mainline Return loss	> 32	dB
Forward Coupling	30 +/-1.2	dB
Forward Coupler Directivity	> 20 (typical >25dB)	dB
Forward Coupler Return Loss	> 17	dB
Reverse Coupling	30 +/-1.2	dB
Reverse Coupler Directivity	> 20 (typical >25dB)	dB
Reverse Coupler Return Loss	> 17	dB
Leakage rate	15 PSIG Sealed	mbar/min
Flanges	UG-136 B/U	
Peak Power Handling@20 psi	>100	kW
Average power Handling	>125	W
Inside Coating	Corrosion protected e.g. chemical film MIL-DTL-5541 Class 3	
Coupled Port Connector	SMA Female	
Operating Temperature	-10 To +60	°C
Weight	0,25 max	Kg
Length	50.8 +/- 0.5	mm
ICD	004398	

Measured Results

