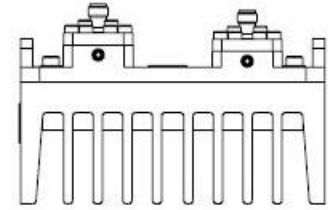
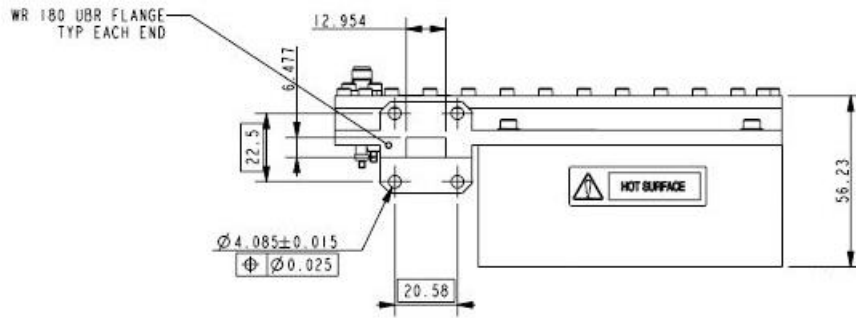
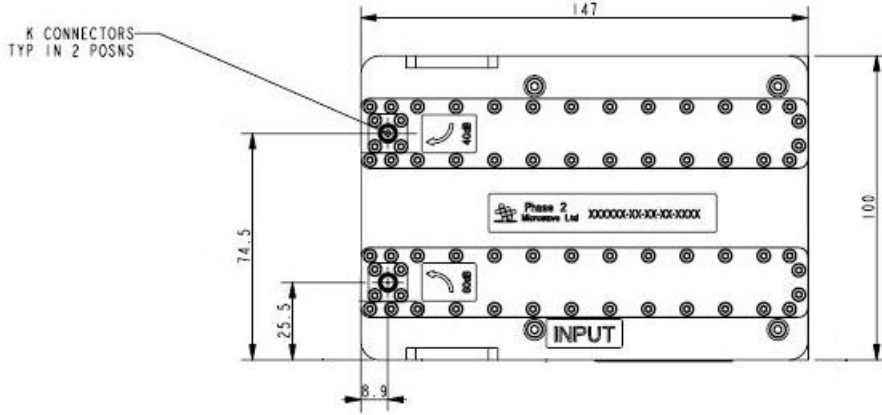


KEY FEATURES

- Full band WG19 Dual Crossguide Coupler, coupling in both forward (60dB) and reverse (40dB) directions.
- Low mainline insertion loss
- High Directivity
- High CW power handling >2kW
- Integral heatsink
- Integral terminations to ensure high directivity performance.
- UBR180 and 2.92mm SMA K interfaces
- Bespoke Dual Coupler design. Measured parameters for this unit are shown below. Other designs covering different bands and using different flange and connector types can be accommodated on request





TYPICAL SPECIFICATION

Parameter	Value	Units
Operating frequency	15 - 22	GHz
Mainline Return loss	> 23	dB
Forward Coupling	60 +/-1.5	dB
Reverse Coupling	40 +/-1.5	dB
Coupler Directivity	> 23	dB
Coupler Port Return Loss	> 16.54	dB
Power Handling	>2(CW)	kW
Waveguide Flanges	UBR180	
Coupled Port Connector	2.92mm K type female	
Operating Temperature	10 To +50	°C
Material	Aluminium	
External Finish	Semi-gloss black	
Interface control drawing	005358-ICD	

Measured Performance