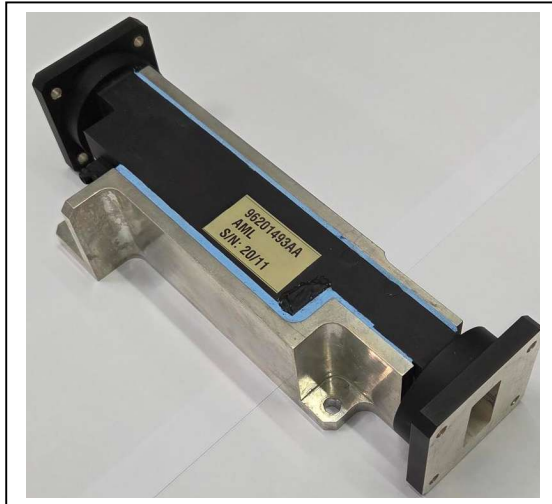


Waveguide Directivity Coupler



Features

- Coupler Bracket Assembly
- 0.1dB Loss max
- VSWR, Directivity is good
- 50dB coupling

Applications

- Test and Measurement
- Microwave Radio System
- Radar systems
- Military applications

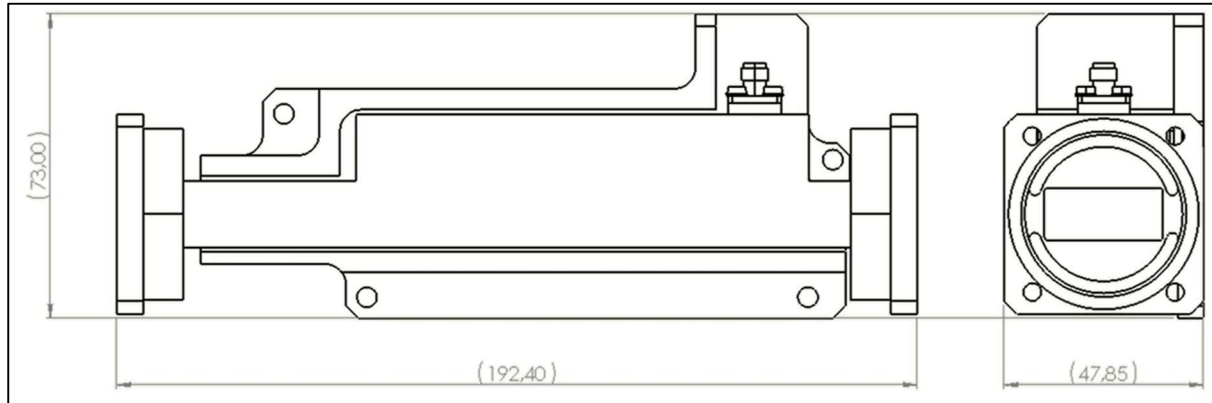
1. Electrical Specification, 25°C

Parameter	Min.	Typ.	Max.	Unit	Note
Frequency Range	7.0		10.5	GHz	
Insertion Loss			0.1	dB	9Ghz~10GHz
VSWR			1.15		9Ghz~10GHz
Coupler values		50 dB $\pm$ 0.5 dB		dB	9.5GHz
Coupler directivity	32			dB	9Ghz~10GHz

2. Mechanical Specifications

Description		
Dimension		Refer to the drawing
Weight		0.934 kg $\pm$ 20%
Coupling port		SMA
Waveguide Size		WR-112
Material		Bronze
Finish	Coupler	Black
	Bracket	Zn coating

3. Outline Drawing



All Dimensions in mm