

# Waveguide Crossguide Directional Coupler **WDCT112RNF-40**

40dB, WR112, 6.57-9.99 GHz, CPR 112F Cover Flange, N Female Coupled Port

Rev 1

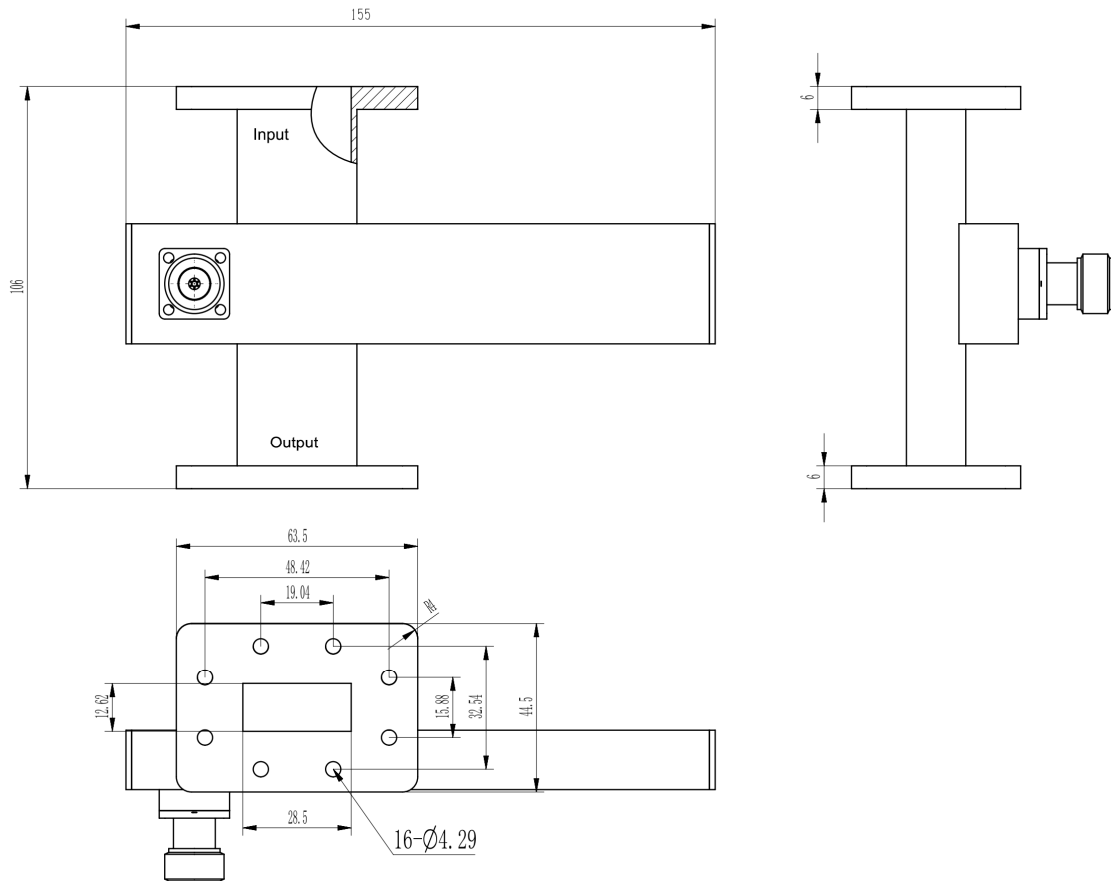
## Electrical

Frequency Range	6.57-9.99 GHz
VSWR	1.10 max(Main line), 1.3 max (Secondary line)
Coupling	40 ± 1.5 dB
Directivity	15 dB min
Operating Temperature	-40°C ~ +70°C

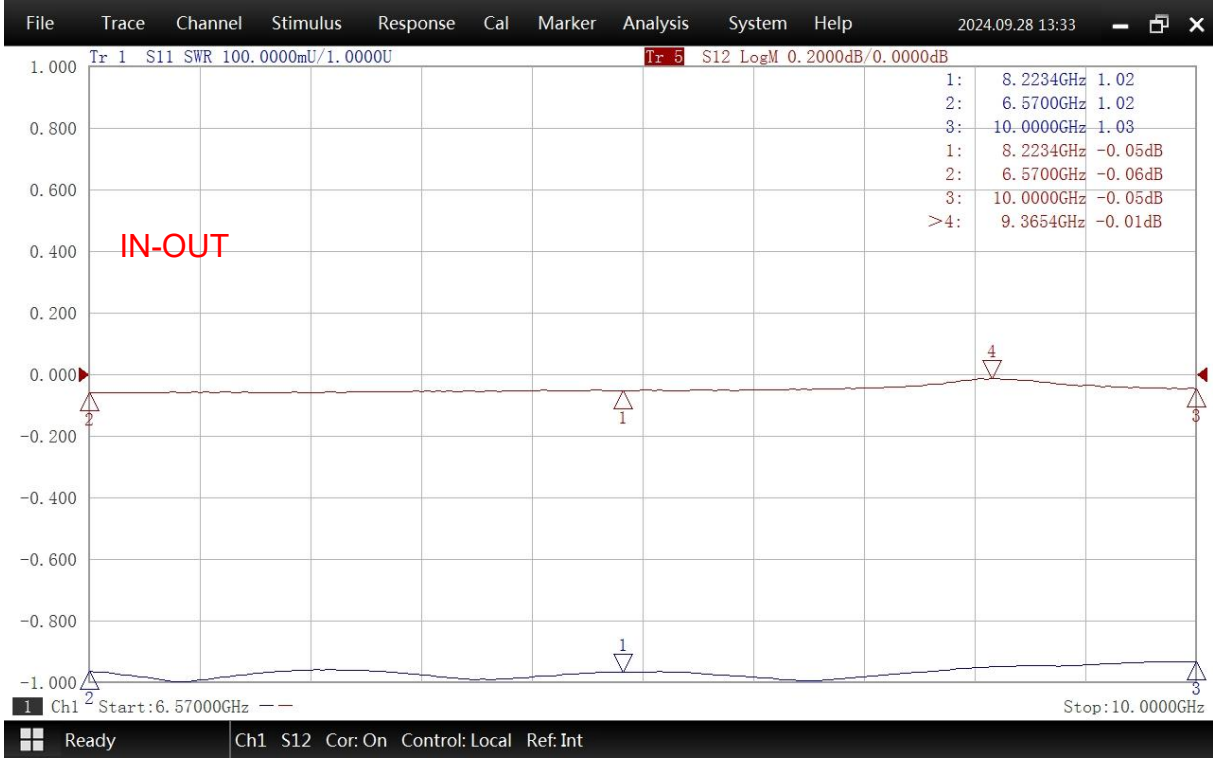
## Mechanical

Waveguide Size	WR112(R84)
Flange Type	CPR112 F
Flange Material and plating	Aluminum, Conductive oxidation
Body Material and Plating	Aluminum, Painted
Coupled Port	N Female
Net Weight	Approx 250g

## Dimensions(mm)



Typical Test Data



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