



Waveguide Crossguide Directional Coupler **WDCT112SF-50**

50dB, WR112, 6.57-9.9 GHz, Square Cover Flange, SMA Female Coupled Port

Rev 1

Electrical

Impedance	50 ohm
Frequency Range	6.57-9.9 GHz
VSWR	1.10 max(Main line), 1.25 max (Secondary line)
Coupling	50 ± 1.5 dB
Directivity	18 dB min
Operating Temperature	-40°C ~ +70°C

Mechanical

Waveguide Size	WR112(R84)
Flange Type	IEC: UBR84
Flange Material and plating	Aluminum, Conductive oxidation
Body Material and Plating	Aluminum, Painted
Coupled Port	SMA Female

Dimensions(mm)

