



## Waveguide Broadwall Directional Coupler

## WDC137SF-50

50dB, WR137, 5.38-8.17 GHz, Rectangular Cover Flange, SMA Female Coupled Port

Rev 1

### Electrical

Frequency Range	5.38-8.17 GHz
VSWR	1.10 max(Main line), 1.3 max (Secondary line)
Coupling	50 ± 1.0 dB
Directivity	30 dB min
Operating Temperature	-40°C ~ +70°C

### Mechanical

Waveguide Size	WR137(R70)
Flange Type	IEC: UDR70
Flange Material and plating	Aluminum, Conductive oxidation
Body Material and Plating	Aluminum, Painted
Coupled Port	SMA Female

### Dimensions(mm)

