



**Waveguide Broadwall Directional Coupler**

**WDC2224F-40**

**40dB, WR22, 32.9-50 GHz, Round Cover Flange, 2.4mm Female Coupled Port**

Rev 1

**Electrical**

<b>Frequency Range</b>	32.9-50 GHz
<b>VSWR</b>	1.10 max(Main line), 1.5 max (Secondary line)
<b>Coupling</b>	40 ± 1.5 dB
<b>Directivity</b>	25 dB min
<b>Insertion Loss</b>	0.5 dB max
<b>Operating Temperature</b>	-40°C ~ +70°C

**Mechanical**

<b>Waveguide Size</b>	WR22(R400)
<b>Flange Type</b>	UG383/U
<b>Flange Material and plating</b>	Copper, gold plated
<b>Body Material and Plating</b>	Copper, gold plated

**Dimensions(mm)**

