



**Waveguide Crossguide Directional Coupler**

**WDCT75SF-40**

**40dB, WR75, 9.84-15 GHz, Square Cover Flange, SMA Female Coupled Port**

Rev 1

**Electrical**

<b>Impedance</b>	50 ohm
<b>Frequency Range</b>	9.84-15 GHz
<b>VSWR</b>	1.10 max(Main line), 1.25 max (Secondary line)
<b>Coupling</b>	40 ± 1.5 dB
<b>Directivity</b>	18 dB min
<b>Operating Temperature</b>	-40°C ~ +70°C

**Mechanical**

<b>Waveguide Size</b>	WR75(R120)
<b>Flange Type</b>	IEC: UBR120
<b>Flange Material and plating</b>	Aluminum, Conductive oxidation
<b>Body Material and Plating</b>	Aluminum, Painted
<b>Coupled Port</b>	SMA Female

**Dimensions(mm)**

