



Waveguide Crossguide Directional Coupler

WDCT2224F-40

40dB, WR22, 32.9-50.1 GHz, UG383/U Round Cover Flange, 2.4mm Female Coupled Port

Rev 2

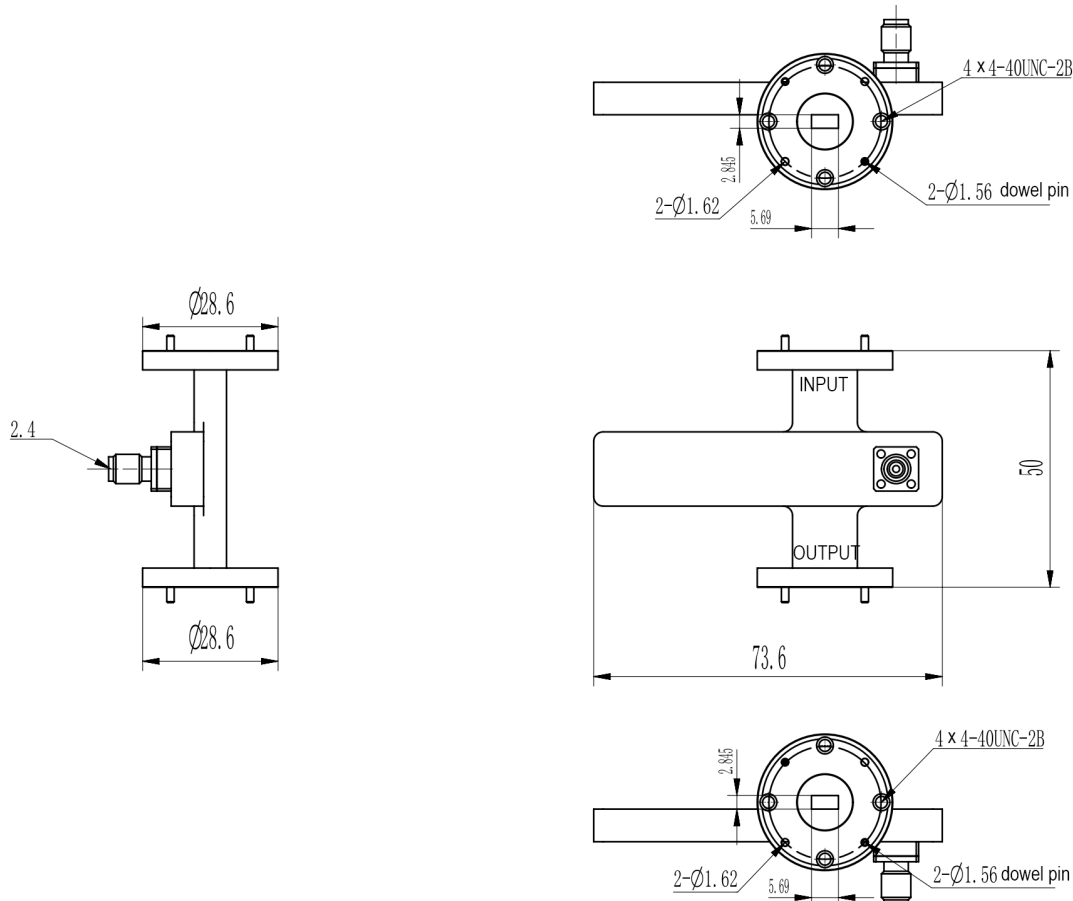
Electrical

| | |
|-----------------------|---|
| Frequency Range | 32.9-50.1 GHz |
| VSWR | 1.10 max(Main line), 1.4 max (Secondary line) |
| Insertion Loss | 0.2 dB max |
| Coupling | 40 ± 1.5 dB |
| Directivity | 15 dB min |
| Operating Temperature | -40 °C ~+70 °C |

Mechanical

| | |
|-----------------------------|---------------------|
| Waveguide Size | WR22(R400) |
| Flange Type | UG 383/U |
| Flange Material and plating | Copper, gold plated |
| Body Material and Plating | Copper, gold plated |
| Coupled Port | 2.4mm Female |

Dimensions(mm)





Waveguide Crossguide Directional Coupler

WDCT2224F-40

40dB, WR22, 32.9-50.1 GHz, UG383/U Round Cover Flange, 2.4mm Female Coupled Port

Rev 2

Typical Test Data

