

#### **Innovative Communication Solutions**

# MICROWAVE COMPONENT

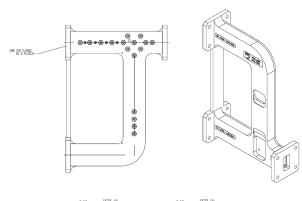
## KU-BAND WAVEGUIDE DIPLEXER

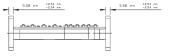


#### **SPECIFICATIONS (WGD-001)**

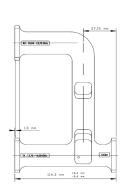
**Rx Passband** 10.95 to 12.75 GHz 13.75 to 14.5 GHz Tx Passband Rx Passband Insertion Loss at Band Edge 0.35 dB max 0.25 dB max Tx Passband Insertion Loss at Band Edge Passband Return Loss (all ports) 1.25 : 1 max Rejection from 10.95 to 12.75 GHz 35 dB min 70 dB min Rejection from 13.75 to 14.5 GHz WR 75 **Flanges** 

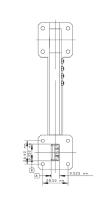
### **MECHANICAL DIAGRAM**











#### **HOW TO ORDER**

**WGD-001** 

WAVEGUIDE DIPLEXER



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