

# SUPARCO BUSINESS SOLUTIONS

## C Band Dual Arm Cross Waveguide Coupler

### Technical Specifications

- Frequency: C-band
- Arm 1 (Forward) Coupling Value:  $40 \pm 2$  dB
- Arm 2 (Reverse) Coupling Value:  $30 \pm 2$  dB
- Directivity: 20dB
- Peak Power:  $\geq 1$  MW
- Average Power:  $\geq 1$  KW
- Frequency Sensitivity:  $\pm 1.05$  dB
- Waveguide: WR-187
- Pressure Rating: 2 Bar
- Material: Aluminum

For more  
information



### Product Description

- ★ The Cross-guide coupler samples the transmitted and reflected RF power of the Radar. Designed with asymmetric coupling values and high isolation in transmit and receive path.
- ★ Customized solutions are available
- ★ Developed according to mil. standards

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