SUPARCO BUSINESS SOLUTIONS

C Band Dual Arm Cross Waveguide Coupler

Technical Specifications



Frequency: C-band



Arm 1 (Forward) Coupling

Value: 40 + 2 dB



Arm 2 (Reverse) Coupling

Value: 30 ± 2 dB



Directivity: 20dB



Peak Power: ≥1 MW



Average Power: ≥ 1KW



Frequency Sensitivity: ±1.05 dB



Waveguide: WR-187



Pressure Rating: 2 Bar



Material: Aluminum



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.



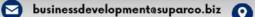
Customized solutions are available



Developed according to mil. standards

For more information







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