NRF NORTEC

RF Products

Dual Directional Coupler

Model #: D230150010

Electrical Specifications

Frequency: 1.0-2.0 GHz

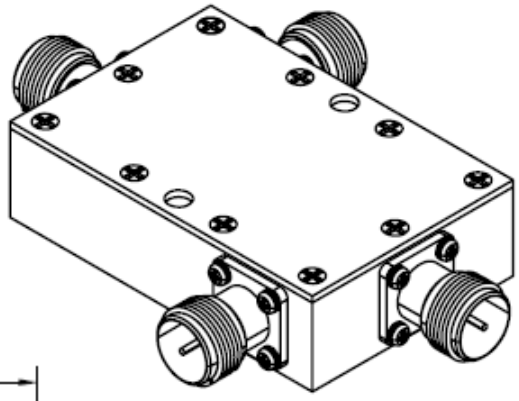
Average Power: 250 Watts (**max**)

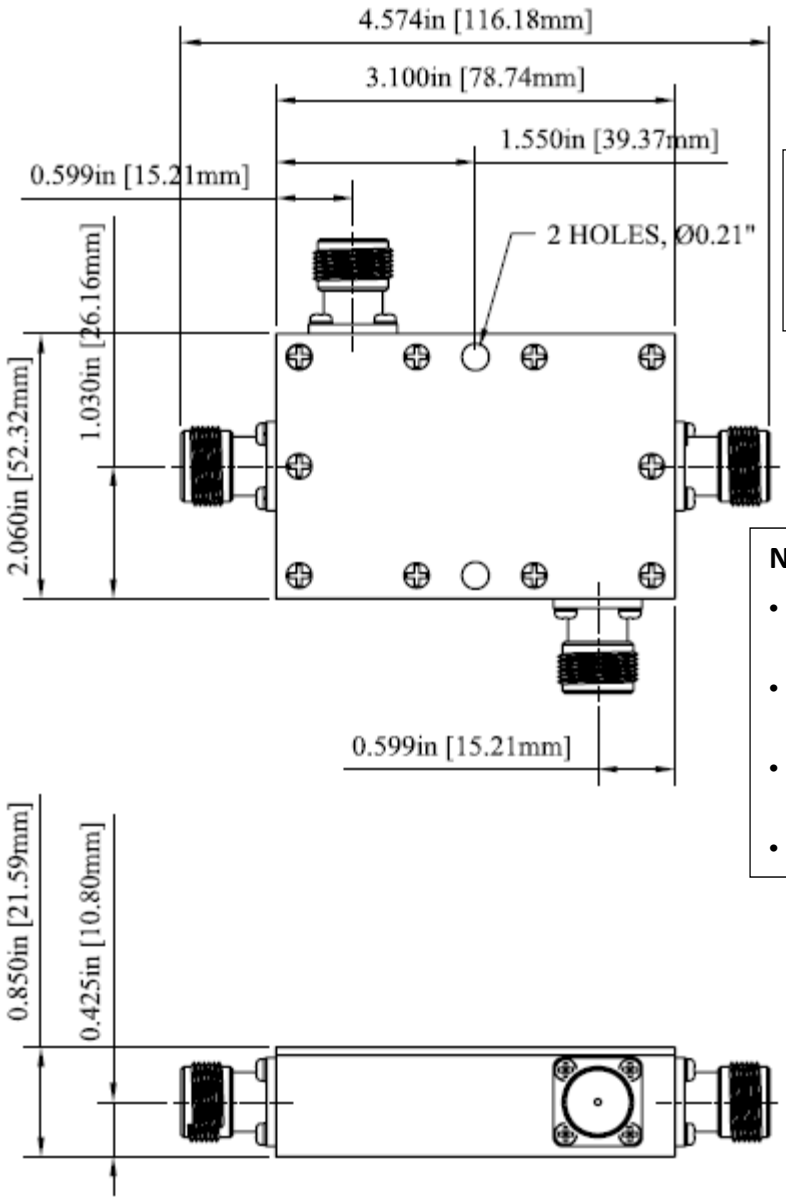
Coupling: 30 +/- 1.5 dB

Insertion Loss: 0.2 dB (**max**), 0.1 dB **(typ)**

Directivity: 24 dB **(typ)**

Main Line VSWR: 1.2:1 (**max**) (50 Ohm all ports)





Mechanical Specifications

Connectors: N (F), Nickel plated Brass
Connector Insulator: PTFE
Connector Pin: Gold Plated Beryllium Copper
Enclosure: Aluminum – clear irridite per MIL-C-5541 class 3

Notes:

- All ports are assumed to be terminated with 50 Ohm loads for max. forward power rating.
- Max reverse power = 50 W. (with output load mismatch)
- When used at full power, heat sink mounting is required.
- Operating temperature is -35° C to 85° C

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