



# NORTEC

RF Products

## 8-Way Divider/Combiner Model #: C108102510

### Electrical Specifications

**Frequency:** 0.9 – 1.15 GHz

**MAX average Output Power :** 40 W

**Insertion Loss:** 1.0 dB (max), **Typical:** 0.7 dB

**Isolation :** 22 dB (min) **Typical:** 25 dB

**VSWR (input/output) :** (1.4/1.3:1) (Typical)

**Phase Balance:** 3° (max)

**Amplitude Balance:** 0.25 dB (max)



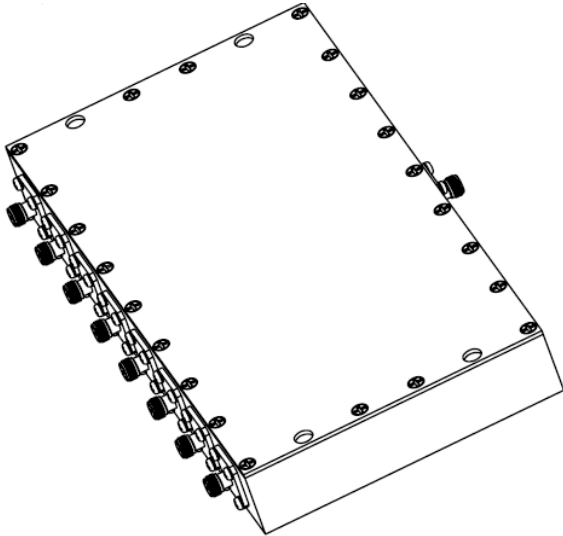
### Mechanical Specifications

**Connectors:** SMA (F), Nickel plated Brass

**Connector Insulator:** PTFE

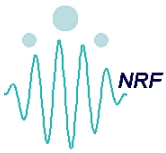
**Connector Pin:** Gold plated Beryllium Copper

**Enclosure:** Aluminum – clear irridite per MIL-C-5541 class 3



### Notes:

- All ports are assumed to be terminated with 50 Ohm loads.
- The device acts as a 40 W divider and 2W as combiner with zero phase difference between input ports and maximum amplitude imbalance of 0.05 dB between input ports.
- The unit is rated for maximum power, as power divider.
- **Operating temperature** is -35° C to 85° C



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