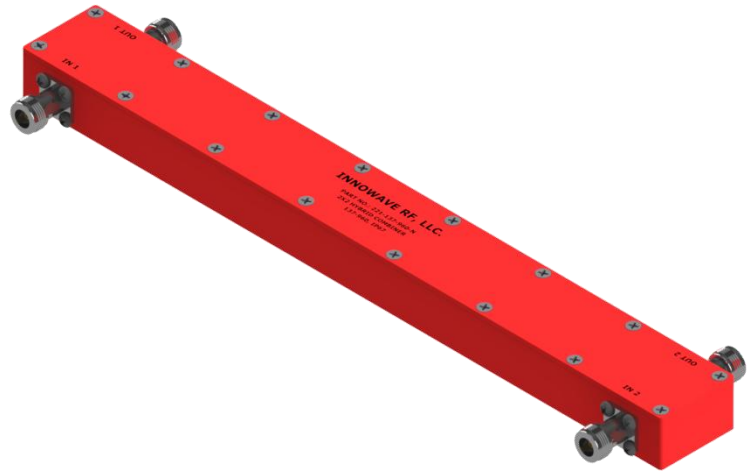


Innovation in Every Wave

221-137-960 is a 4-Port, 3dB Hybrid Coupler that is used for Public Safety applications. These devices combine any 2 signals in 137MHz - 960MHz range. The combined signal will appear at both the output ports. These are symmetric devices so inputs and outputs can be used interchangeably. It can also be used to split one input signal into 2 output ports. The unused port must be always terminated with a 50Ω Load. These hybrid couplers can be used over a wide range of temperature and environmental conditions.

FEATURES:

- Combines 2 signals in the 137MHz – 960MHz
- Best-in-class Isolation between the 2 signals
- Very low Insertion Loss
- Available in Type-N Connectors (Standard)
- Low-PIM & High Power Handling
- RoHS Complaint
- Ease of Mounting with mounting holes
- Weatherproof for Outdoor use
- In Stock and Available Immediately



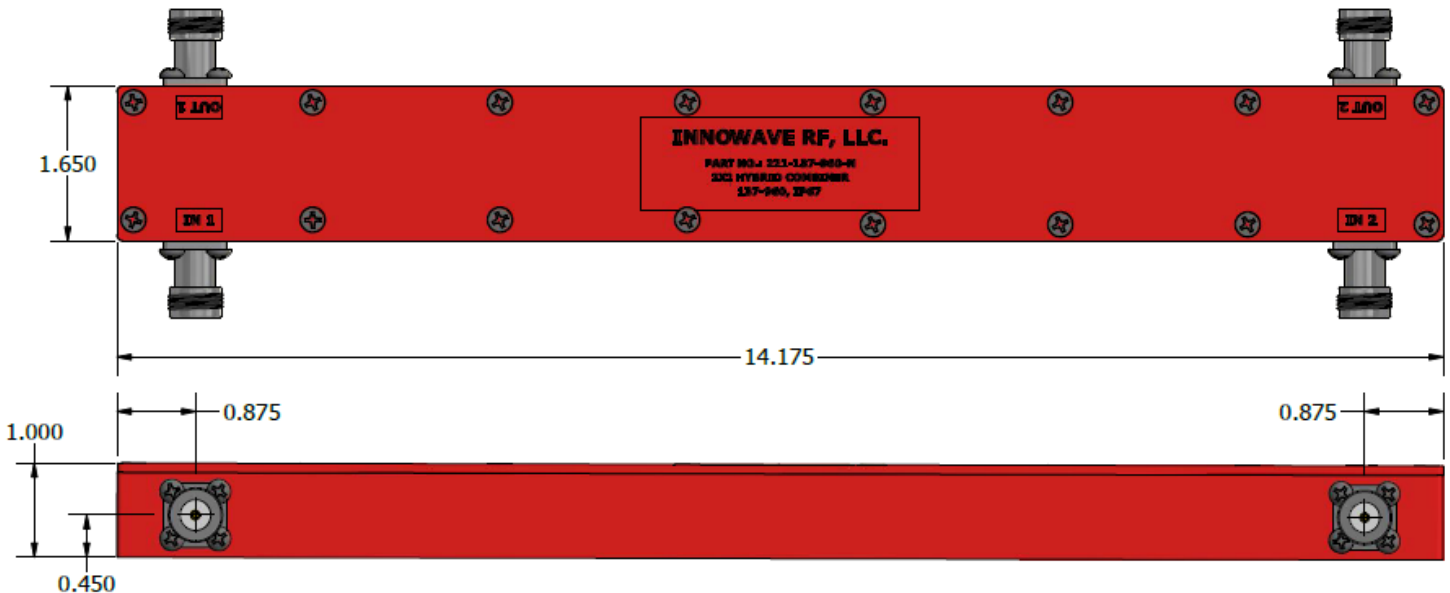
ELECTRICAL SPECIFICATIONS:

Frequency Range:	137MHz – 960MHz
Coupling Loss:	3.00 dB ±0.50dB
Isolation:	25.00 dB
VSWR:	1.25
Impedance:	50 Ohms
Input Power:	500 Watts (Avg)

MECHANICAL SPECIFICATIONS:

Connectors:	Type-N (N) Standard 4.3-10 (D43)
Housing Finish:	Aluminum Body
Mounting Method:	Mounting Holes
Temperature Range:	-30°C to 65°C
Weight:	1.30 lbs
Humidity:	5% - 95%
Environment:	IP67

Dimensions for 221-137-960-N



Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

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