



# DC Pass Power Splitter/Combiner 750 – 2,000 MHz

## Data Sheet

ED2-0012-01

### FEATURES

- Low Insertion loss, 0.2 dB typical
- Frequency range of 750 to 2000 MHz
- Isolation of 15 to 20 dB typical
- Excellent input VSWR, 1.22:1 typical
- Excellent output VSWR, 1.12:1 typical
- Characteristic impedance: 50Ω
- -55°C to +100°C
- SMA connectors
- Up to 5W power input
- Customizable to other frequencies and bandwidths

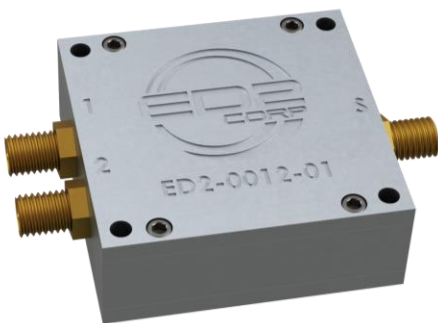
### APPLICATIONS

- 5G Radio
- Radar
- Cellular
- Instrumentation
- Communications Systems
- VSAT

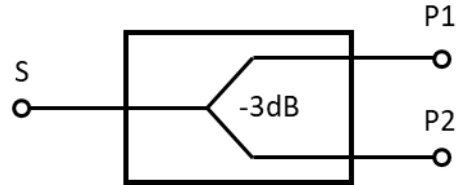
### GENERAL DESCRIPTION

The ED2 2-way coaxial power splitter or combiner is a SMA connectorized solution for your RF subsystem needs. Designed to operate over a frequency range of 750 to 2,000 MHz as well as passing a DC signal between ports. Contact ED2 for customizing the frequency range to fit your unique requirements.

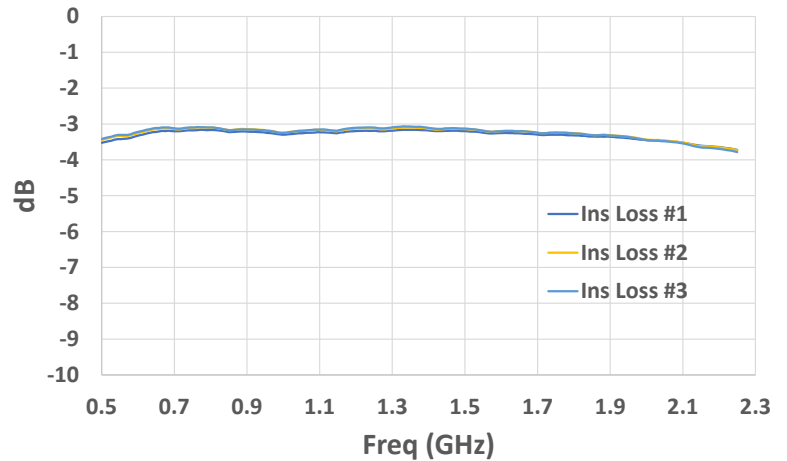
Isometric View



### FUNCTIONAL BLOCK DIAGRAM



Power Divider Typical Insertion Loss



Parameter	Frequency Range (MHz)	Typ.	Max
Total Loss (dB) <sup>1</sup>	750 – 2,000	3.2	3.6
Input VSWR		1.2	1.6
Output VSWR		1.12	1.35
Input Power (W)			5
Internal Dissipation (W)			0.725
DC Current (mA)	400 Ea. Port		800
Size (L x W x H)	1.8 x 1.75 x 0.66 in 45.72 x 44.45 x 16.76 mm		

1. Total Loss = Insertion Loss + 3 dB Splitter Loss

Rev. -

Document Feedback

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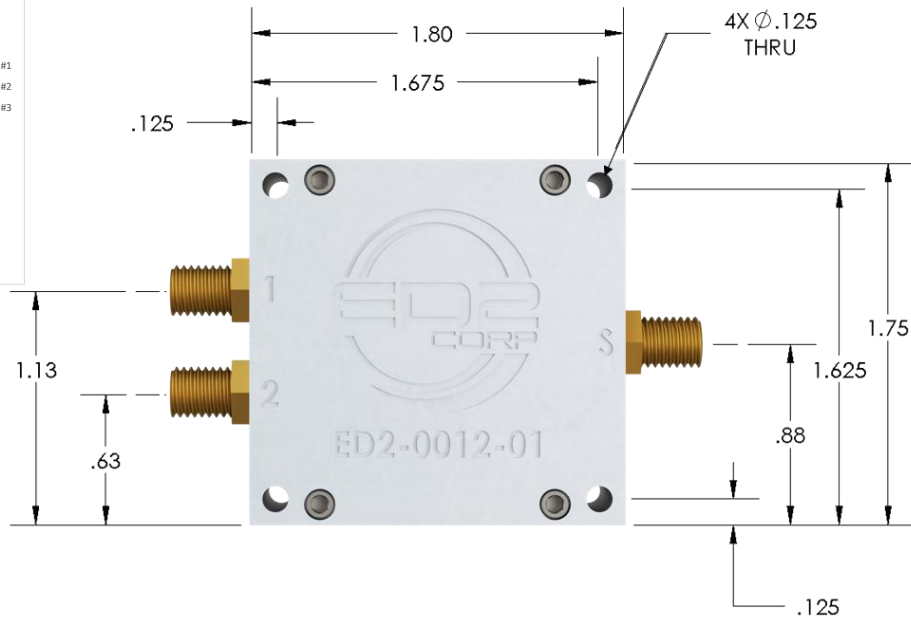
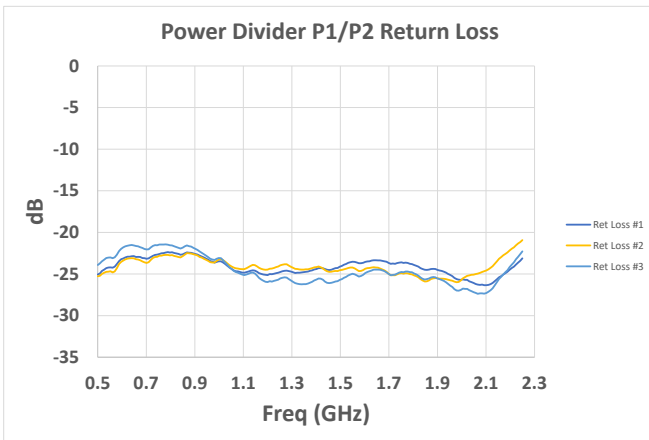
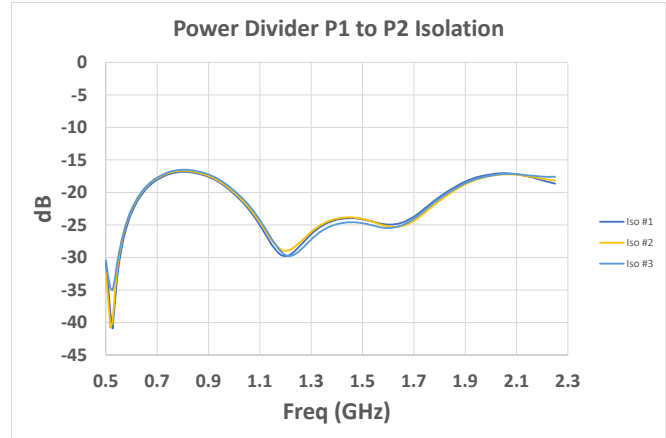
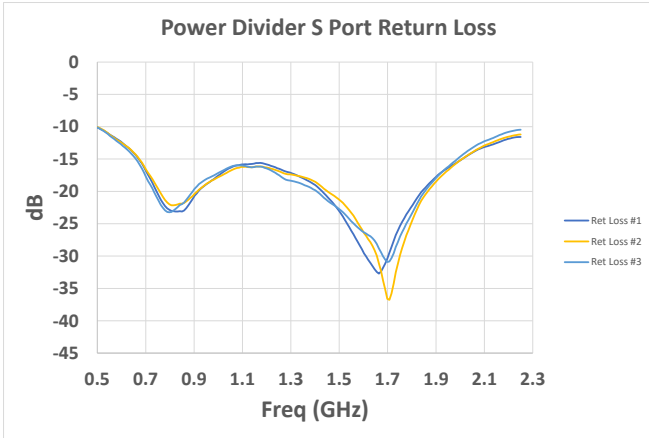


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## Typical Performance Data:



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