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6-18GHz 2-way Wilkinson Power Divider

PDW06011



DLI • Novacap • Syfer • Voltronics

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DESCRIPTION

DLI's 6-18GHz 2-way power divider / combiner offers unmatched size and performance in a wirebond configuration. This power divider utilizes DLI's low loss temperature stable materials which offer small size and minimal performance variation over temperature.

FEATURES

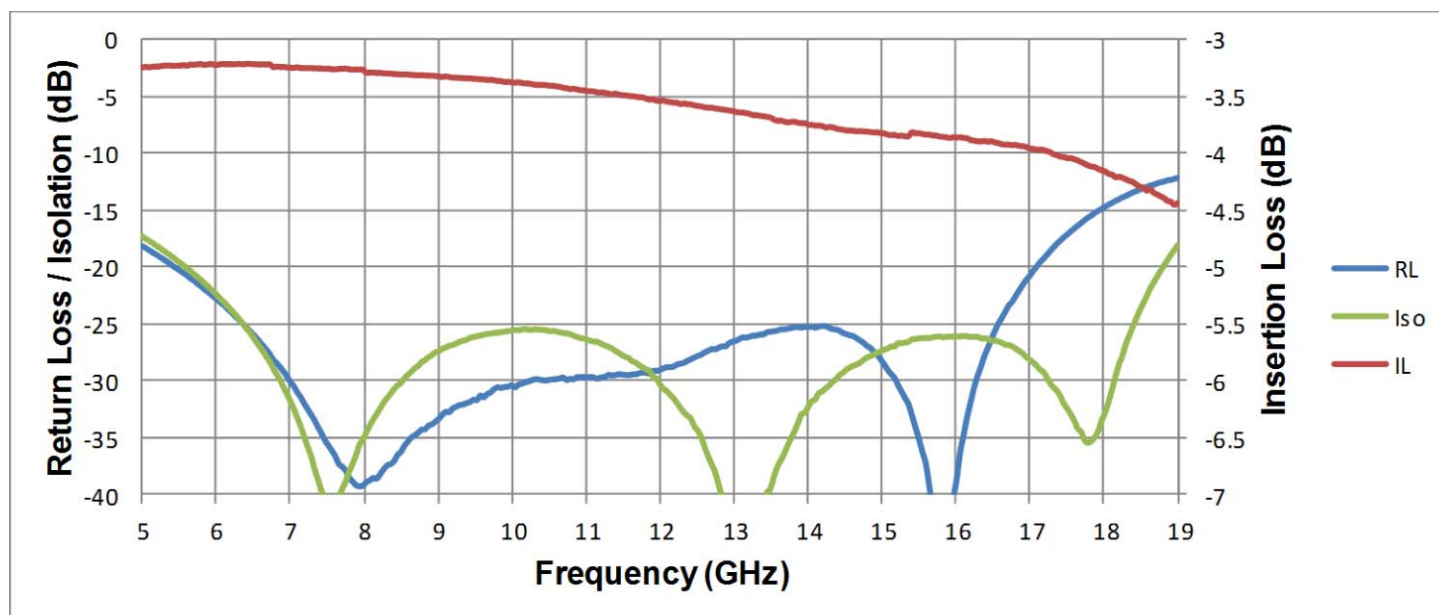
- Small Size
- Broadband 6 to 18GHz Performance
- Frequency Stable over Temperature
- Wirebond Package
- Excellent Repeatability
- Operating Temp: -55°C to +125°C
- Characteristic Impedance: 50Ω

SPECIFICATIONS*

Parameter	Frequency Range (GHz)	Min	Typ.	Max
Nominal Power Splitting (dB)	6 - 18		3.0	
Nominal Phase Shift (Deg)			0.0	
Amplitude Balance (dB)				± 0.035
Phase Balance (Deg)				± 3.0
Excess Insertion Loss (dB)				1.2
Return Loss (dB)			15	
Isolation (dB)			25	
Power (W)				5

*Electrical specifications based on typical mounted performance at room temperature. Insertion loss shall vary ±0.5dB over temperature.

Typical Measured Performance





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Physical Dimensions

