

3-WAY POWER DIVIDER

SURFACE MOUNT MODEL: SDZ-135

WIDE BANDWIDTH

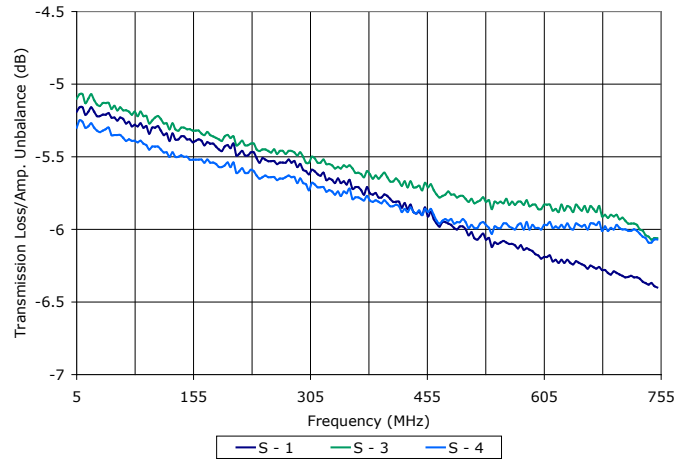
5 - 750 MHz

FEATURES:

- ▶ Excellent Performance
- ▶ Small Size, Surface Mount
- ▶ Moderate Power
- ▶ Lead Free RoHS Compliant

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. A 11/21/11)

Frequency	5 - 750 MHz		
Insertion Loss (dB) ¹	Freq. (MHz)	Typ.	Max.
	5 - 50	0.6	1.4
	50 - 350	0.8	1.6
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	5 - 50	25	18
	50 - 350	25	20
Phase Unbalance (Deg.)	Freq. (MHz)	Typ.	Max.
	5 - 50	1	3
	50 - 350	2	5
Amplitude Unbalance (dB)	Freq. (MHz)	Typ.	Max.
	5 - 50	0.2	0.3
	50 - 350	0.2	0.5
VSWR	Freq. (MHz)	Typ.	Max.
	5 - 50	1.2	1.4
	50 - 350	1.2	1.4
Input Power ²	1 Watt (Max.)		
Impedance	50 Ohms (Nom.)		
Operating Temperature Range	-20 to +85 °C		

¹ Insertion loss is above the theoretical 6.0 dB splitting loss.
² Handling power applies to splitter mode and assumes ideal 50 Ohms impedance matching on all ports.

Package # 134

Port Configuration		
Input	Output	GND.
6	1,3,4	2,5



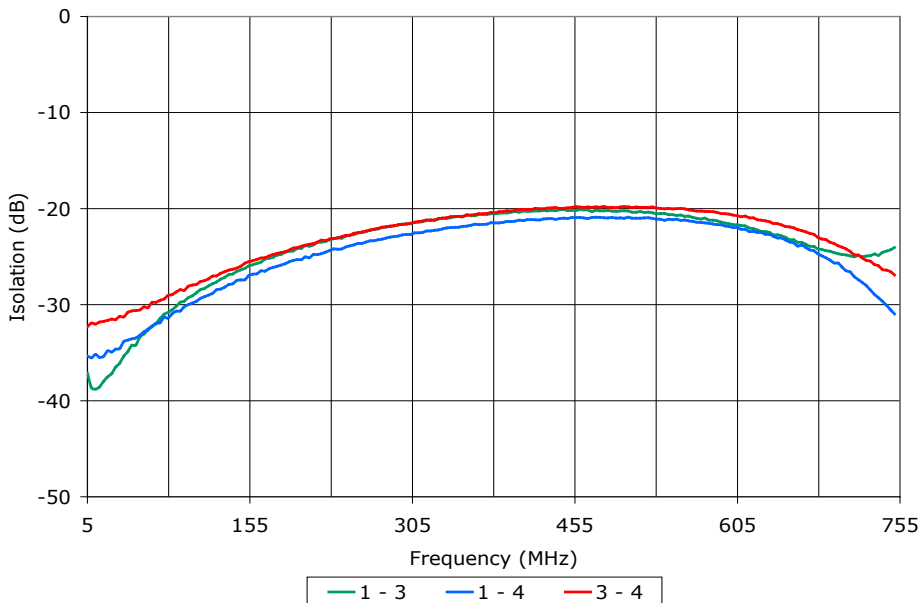
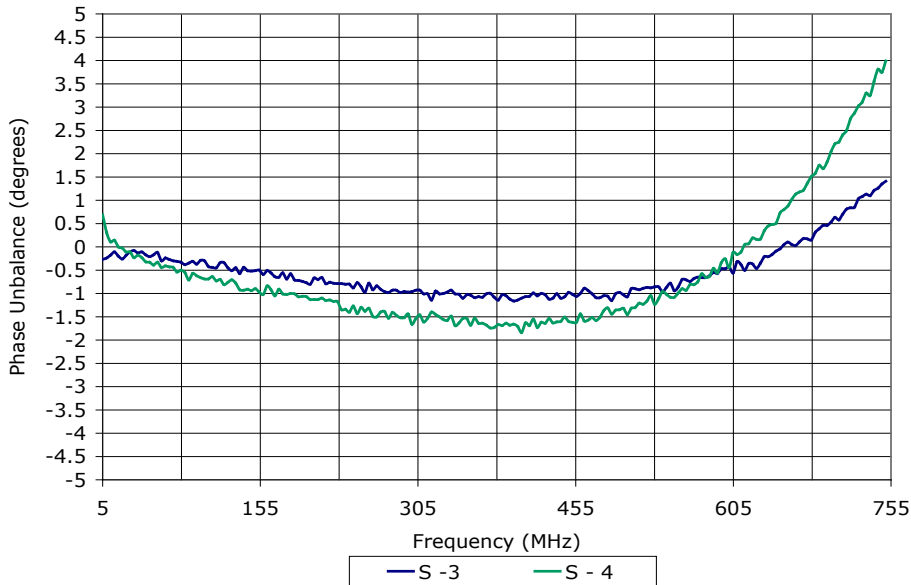
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Data @ 25 °C



PERFORMANCE PLOTS

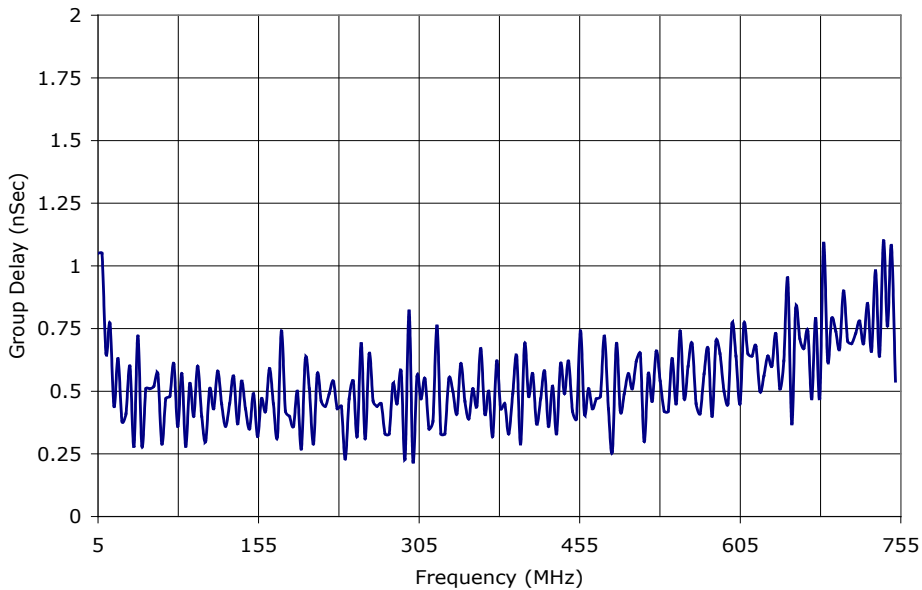
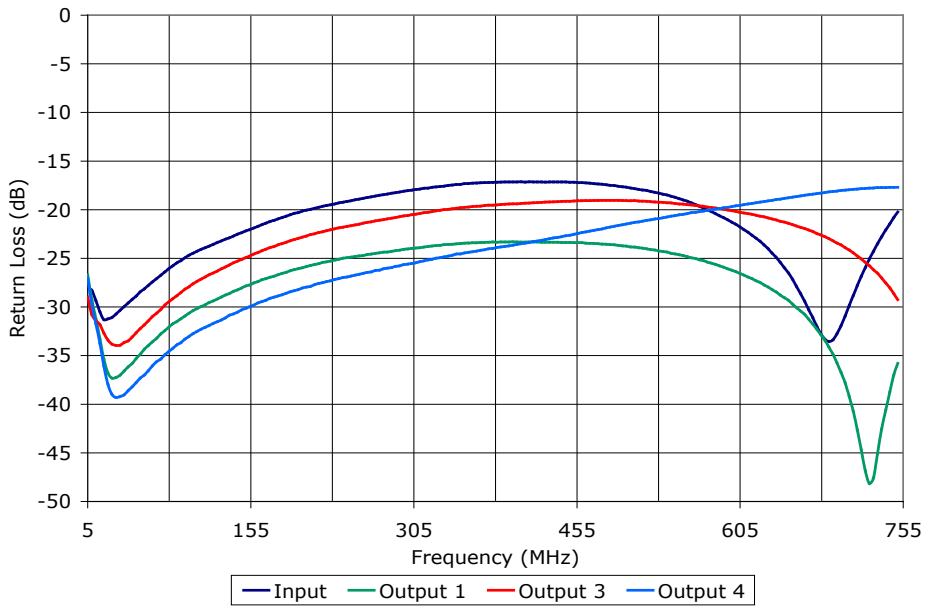
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