

4-WAY POWER DIVIDER/COMBINER

CONNECTORIZED MODEL: CSDK3100S

WIDE BANDWIDTH

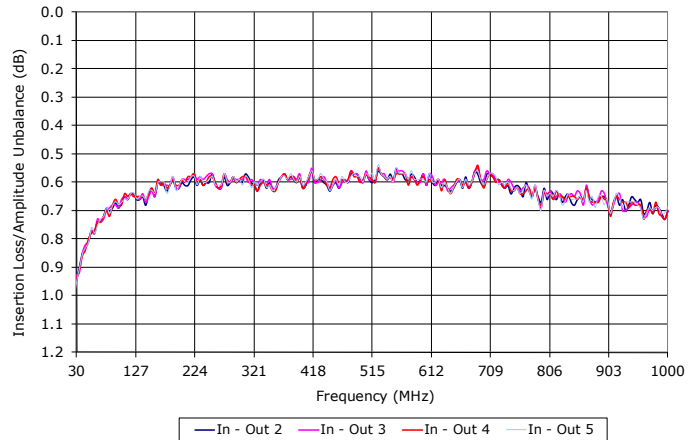
30 - 1000 MHz

FEATURES:

- ▶ Excellent Performance
- ▶ Low Power

APPLICATIONS:

- ▶ Signal Splitting & Low Power Combining



SPECIFICATIONS

Frequency	30 - 1000 MHz	
Insertion Loss (dB)¹	Typ.	Max.
	0.7	1.1
Isolation (dB)	Typ.	Min.
	28	20
Phase Unbalance (Deg.)	Typ.	Max.
	0.3	2
Amplitude Unbalance (dB)	Typ.	Max.
	0.05	0.2
Input Power Rating²	Power Divider	5 Watts (Max.)
	Combiner	100 mW (Max.)
VSWR	1.15:1 (Typ.)	
Impedance	50 Ohms (Nom.)	
Operating Temperature Range	-40 to +85 °C	
¹ Insertion loss is above the theoretical 6.0 dB splitting loss.		
² Handling power assumes ideal 50 Ohms impedance matching on all ports.		

Package # 169S

Dimensions: 0.450, 0.700 (3 Plcs.), 1.75, 0.880, 0.435, 2.00, 0.830 Max, 0.370, 4.00.

Port Configuration	
Input	Output
1	2,3,4,5

Connector Type: SMA Female

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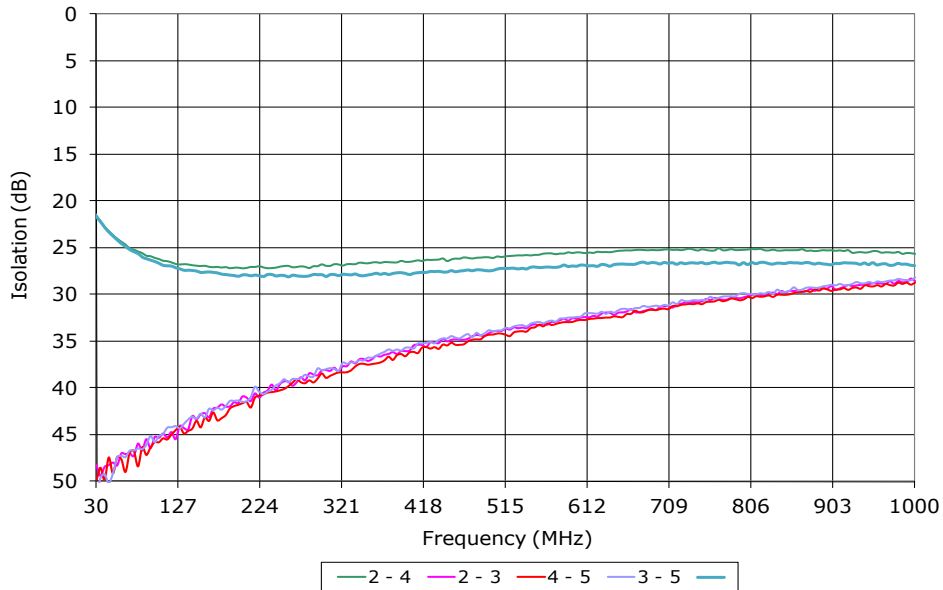
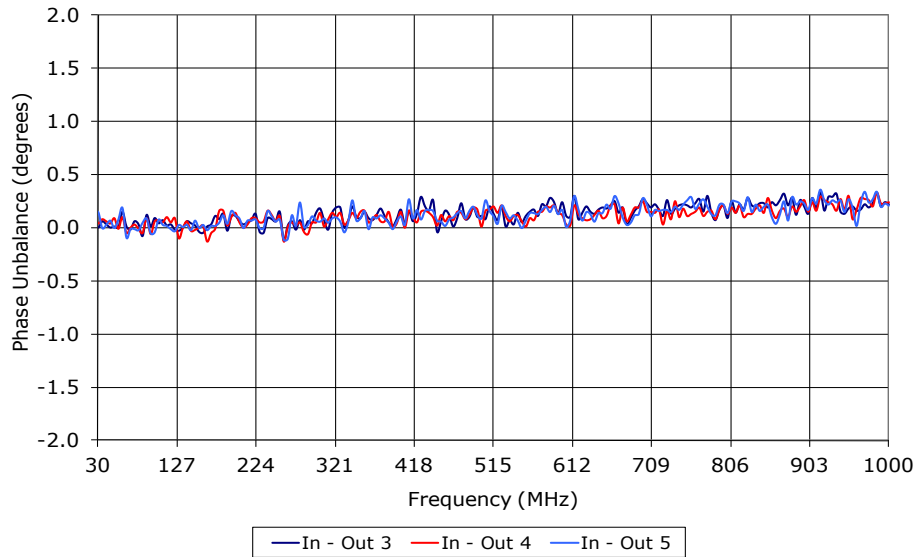
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Data @ 25 °C

PERFORMANCE PLOTS

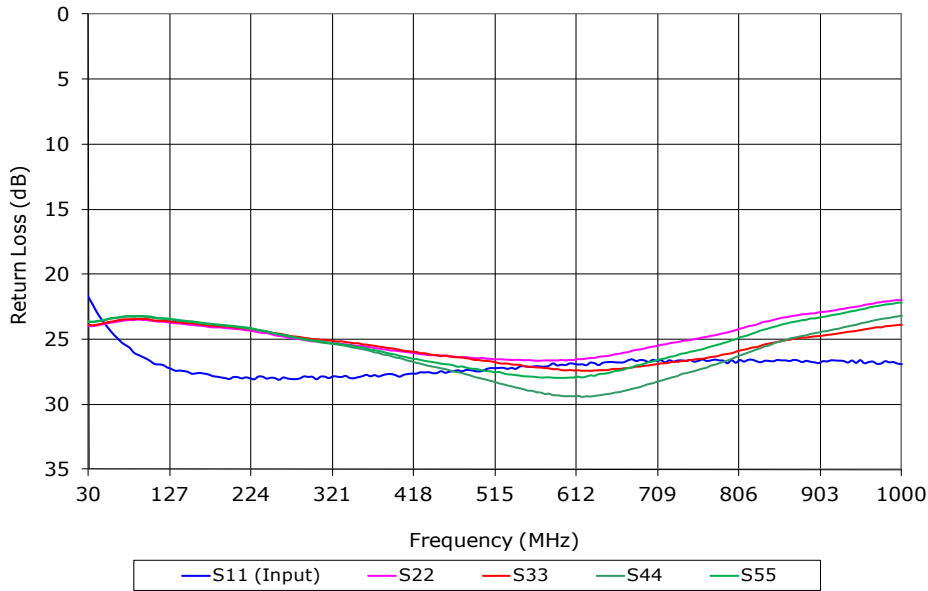


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