

# 2-WAY POWER DIVIDER/COMBINER

## CONNECTORIZED MODEL: CSBK260S

**WIDE BANDWIDTH**

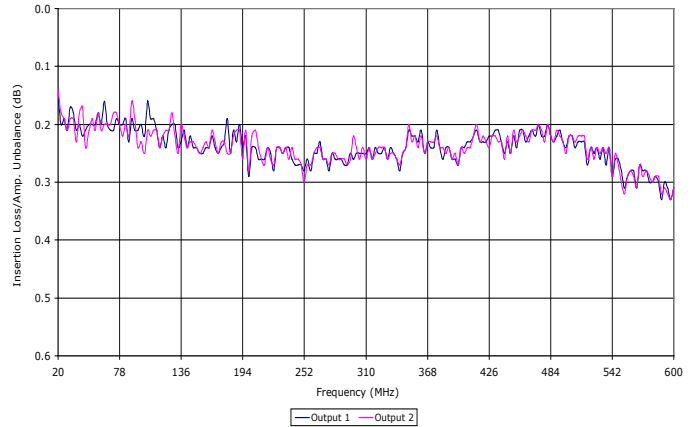
**20 - 600 MHz**

**FEATURES:**

- ▶ Excellent Performance
- ▶ Low Power

**APPLICATIONS:**

- ▶ Signal Splitting & Low Power Combining



**SPECIFICATIONS (Rev A 08/04/15)**

<b>Frequency</b>	20 - 600 MHz		
<b>Insertion Loss (dB)<sup>1</sup></b>	Frequency (MHz)	Typ.	Max.
	20 - 40	0.18	0.25
	40 - 300	0.28	0.36
	300 - 600	0.32	0.40
<b>Isolation (dB)</b>	Frequency (MHz)	Typ.	Min.
	20 - 40	23	20
	40 - 300	25	20
	300 - 600	23	20
<b>Phase Unbalance (Deg.)</b>	Frequency (MHz)	Typ.	Max.
	20 - 40	0.5	2.0
	40 - 300	0.8	2.0
	300 - 600	0.8	3.0
<b>Amplitude Unbalance (dB)</b>	Frequency (MHz)	Typ.	Max.
	20 - 40	0.05	0.20
	40 - 300	0.05	0.20
	300 - 600	0.05	0.20
<b>VSWR</b>	1.1.5:1 (Typ.) / 1.30:1 (Max.)		
<b>Combined Power @ Port 1<sup>2</sup></b>	50 Watt (CW)		
<b>Operating Temperature Range</b>	-40 to +85 °C		

<sup>1</sup> Insertion loss is above the theoretical 3.0 dB splitting loss.  
<sup>2</sup> Handling power assumes ideal 50 Ohms impedance matching on all ports.

**Package #** 110LF

All Dimensions in inches (mm)

Tolerances: 2 PL. ±0.030 inch. (0.762mm)  
 3 PL. ±0.015 inch. (0.381mm)

**A** - 1.250 inch. (31.75 mm)  
**B** - 1.250 inch. (31.75 mm)  
**C** - 0.750 inch. ( 19.05 mm)  
**D** - 0.375 inch. ( 9.525 mm)  
**E** - 1.000 inch. ( 25.4 mm)  
**F** - 1.000 inch. ( 25.4 mm)  
**G** - ∅0.136 inch. ( 3.45 mm)  
**H** - 0.625 inch. ( 15.875 mm)  
**I** - 0.625 inch. ( 15.875 mm)

Port Configuration	
Sum Port	Input / Output
1	2,3

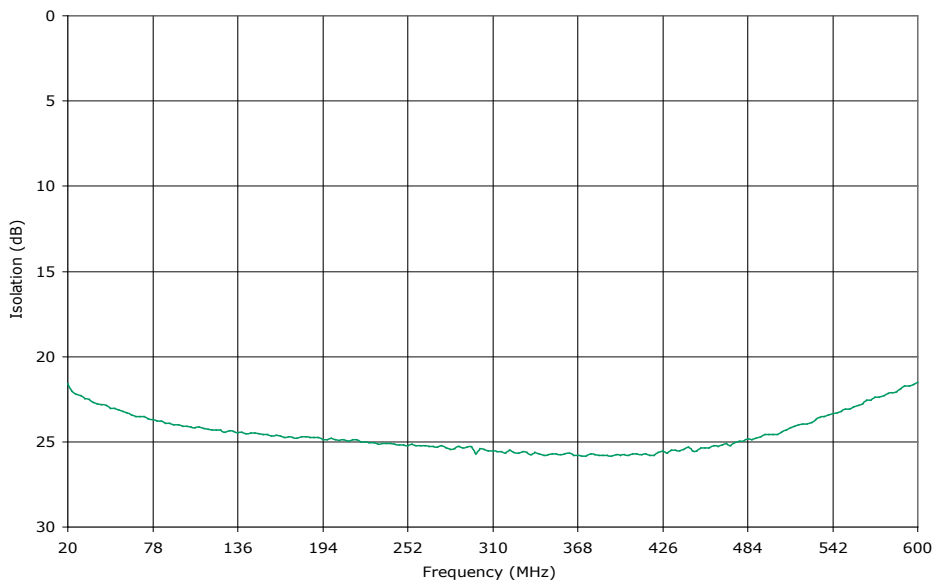
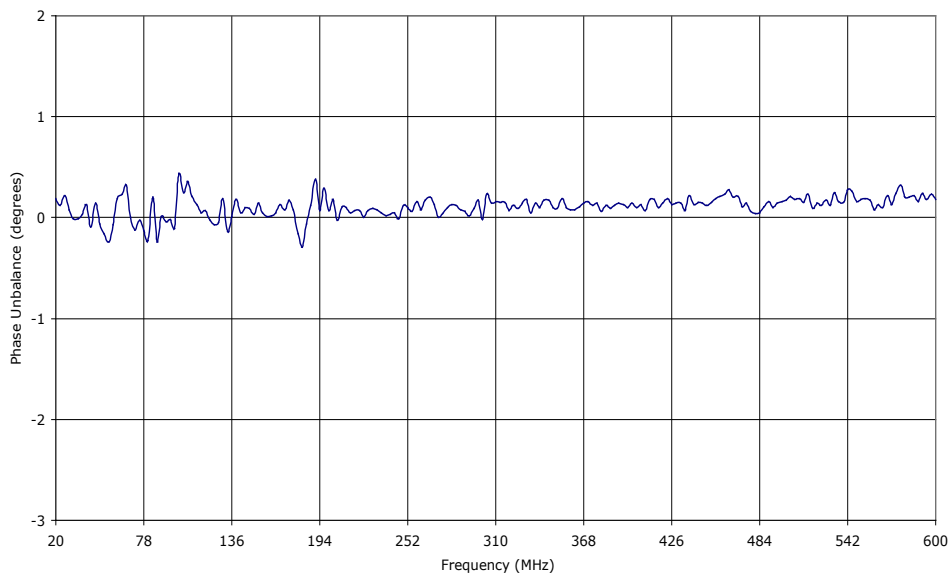
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Data @ 25 °C



PERFORMANCE PLOTS

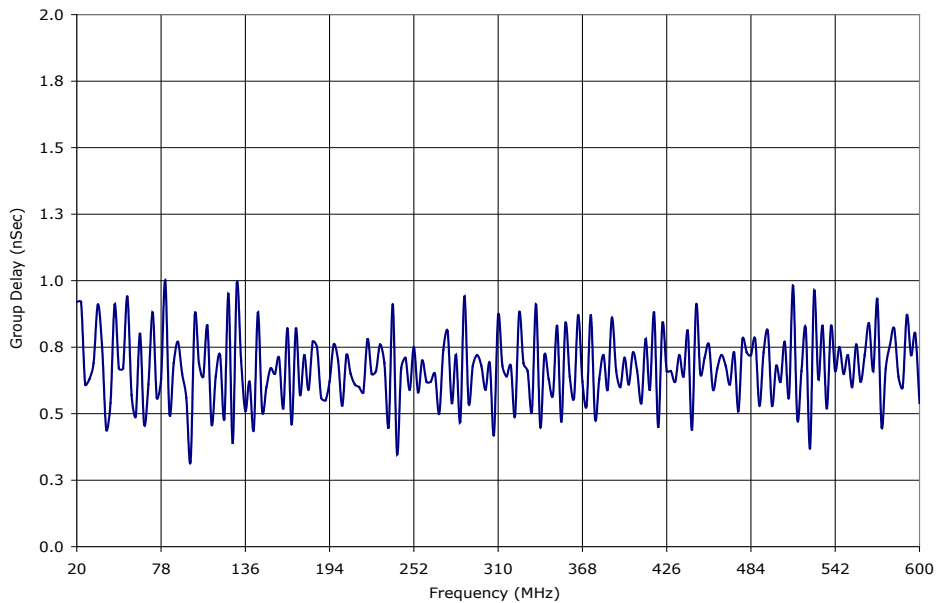
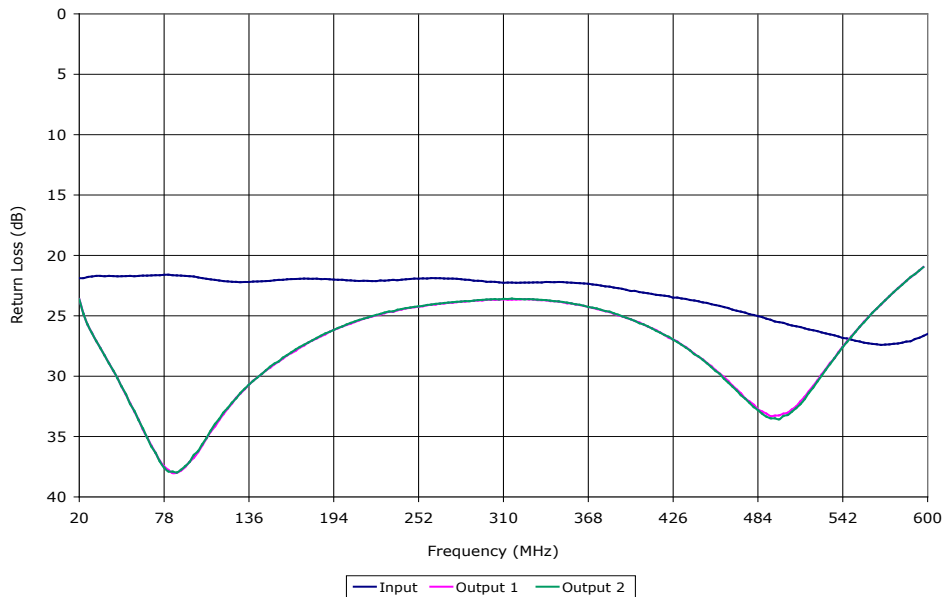
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