

# 5-WAY POWER DIVIDER

## MODEL: DEK-701S

FREQUENCY

0.05 - 30 MHz

**FEATURES:**

- ▶ Wide Bandwidth
- ▶ Low Loss
- ▶ Closely Controlled Phase/Amplitude Unbalance



**SPECIFICATIONS (Rev. B 08/30/06)**

Frequency	0.05 - 30 MHz		
Insertion Loss (dB) *	Freq. (MHz)	Typ.	Max.
	0.05 - 0.5	0.5	0.9
	0.5 - 15	0.3	0.7
	15 - 30	0.6	1
Isolation (dB)	Freq. (MHz)	Typ.	Min.
	0.05 - 0.5	25	20
	0.5 - 15	30	25
	15 - 30	25	20
Phase Unbalance (Deg.)	4° (Max.)		
Amplitude Unbalance (dB)	0.3 (Max.)		
Output Impedance	50 Ohms (Nom.)		
Input Power	1 Watt (Max.)		
Operating Temperature Range	-40 to +85° C		
* In excess of the 7 dB theoretical split loss.			

Package #	157
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0.500  
2 PL.

0.750  
TYP.  
4 PL

SMA: 0.375  
BNC, TNC: 0.500  
N: 0.750

2 3 4 5 6

TOP VIEW

1

2.00

1.00

2.00

3.75

4-40 UNC-2B  
TAPPED HOLE  
0.250 DP. ON  
FAR SIDE.

0.350

0.750

4.00

Connector Type	PORT DESIGNATION	
	Input	Output
SMA Female	1	All Others

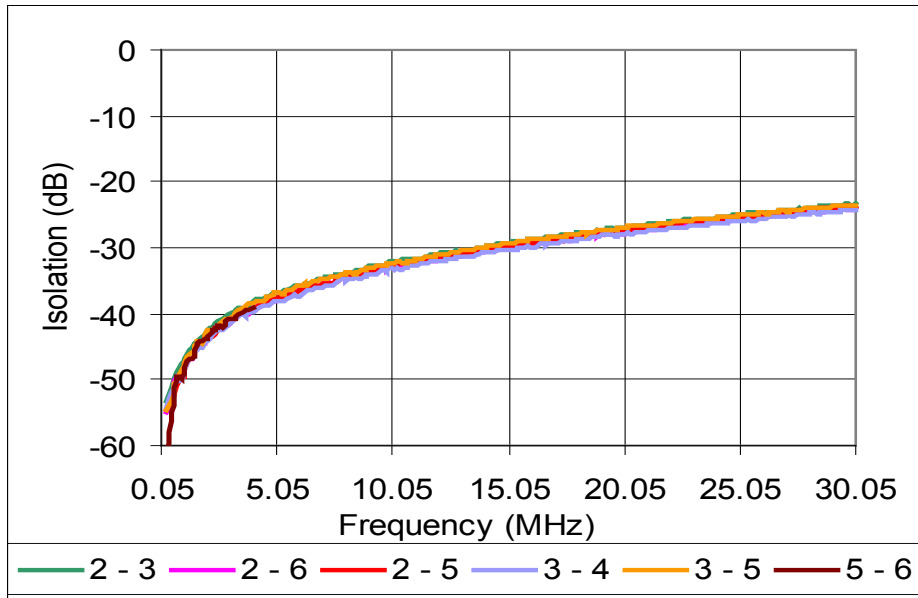
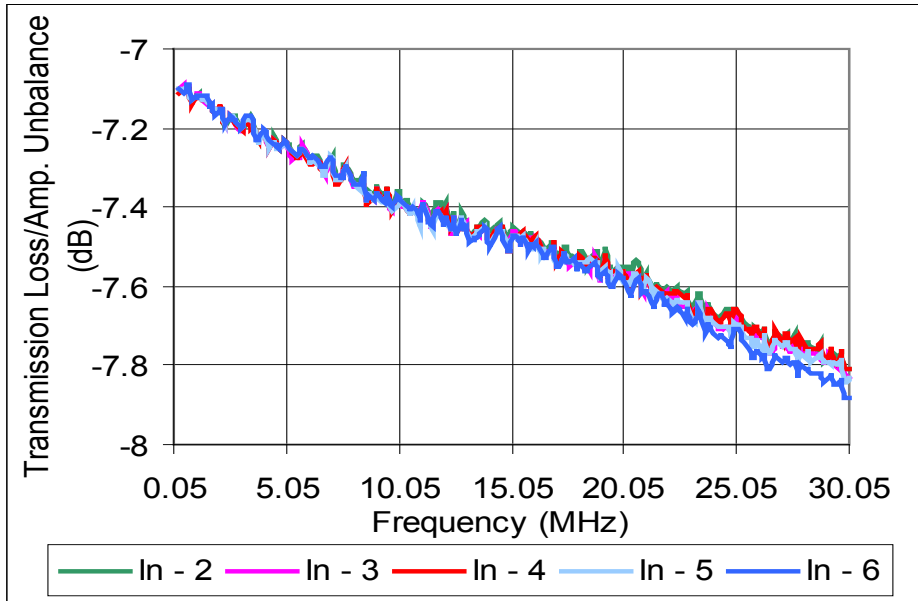
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Data @ 25°C



PERFORMANCE PLOTS

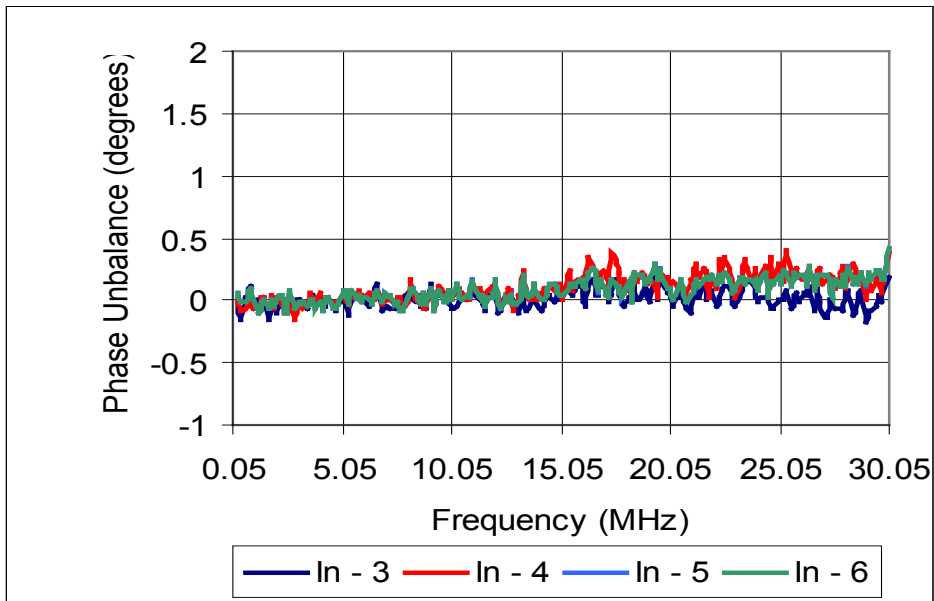
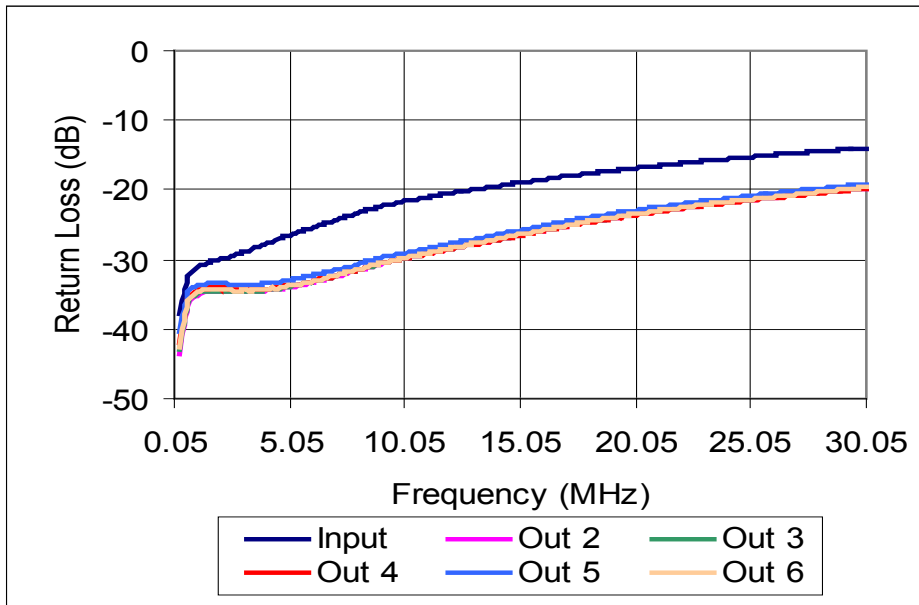
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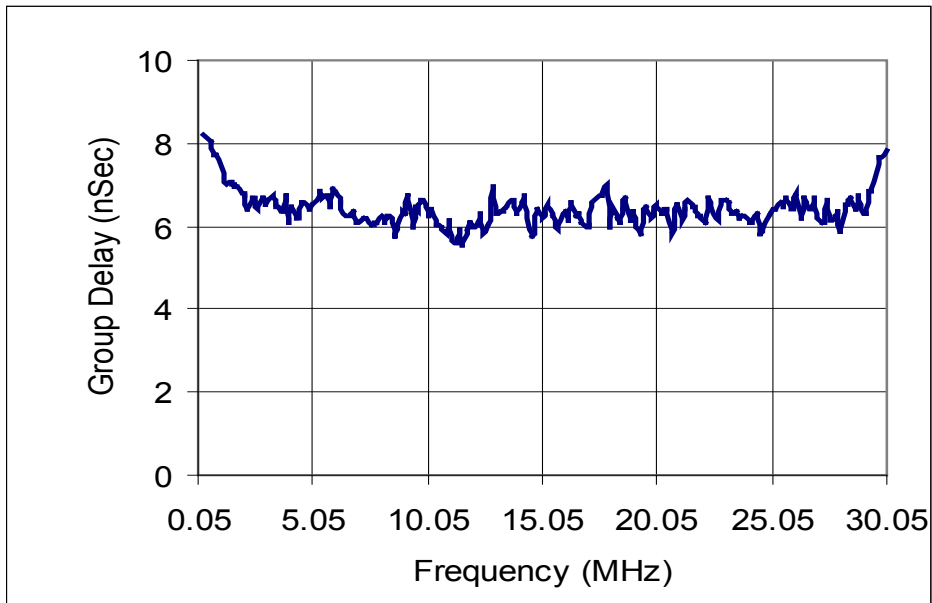
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