

2-WAY POWER DIVIDER

MODEL: DSK-719S

FREQUENCY

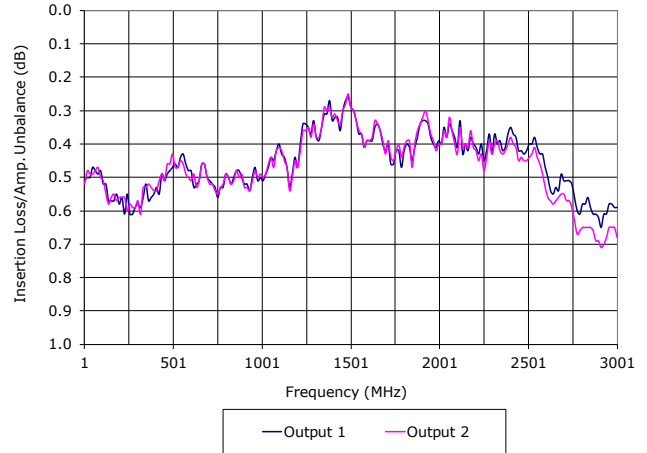
1 - 3000 MHz

FEATURES:

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

▶ Applications:

Signal Splitting & Low Power Combining



SPECIFICATIONS (Rev. C 10/02/15)

Frequency	1 - 3000 MHz	
Insertion Loss (dB) ¹	Typ.	Max.
	0.6	1.0
Isolation (dB)	Typ.	Min.
	18	13
Phase Unbalance (Deg.)	Typ.	Max.
	0.3°	2.0°
Amplitude Unbalance (dB)	Typ.	Max.
	0.1	0.4
Output Impedance	50 Ohms (Nom.)	
VSWR	Input	1.8:1 (Typ.)
	Output	1.4:1 (Typ.)
Input Power ²	1 Watt (Max.)	
Operating Temperature Range	-40 to +85° C	

¹ Insertion loss is above the theoretical 3.0 dB splitting loss
² Handling power applies to splitter mode and 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	
Input	Output
2	1,3

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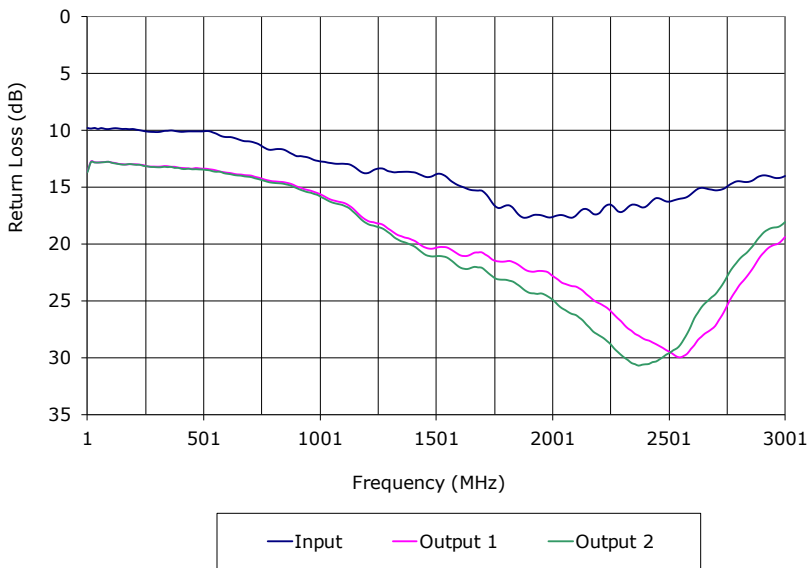
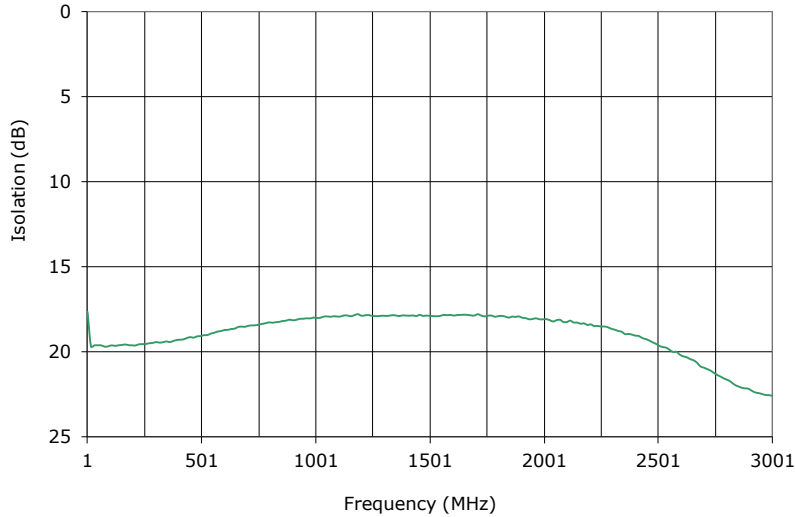
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Data @ 25°C

PERFORMANCE PLOTS



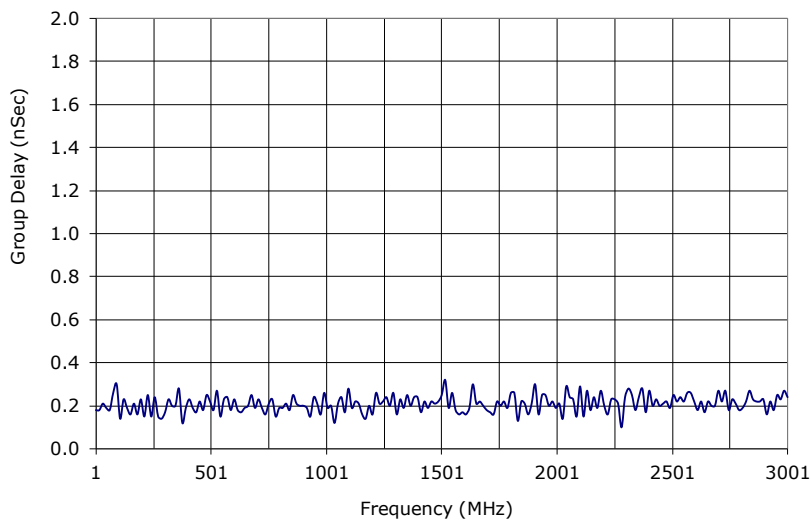
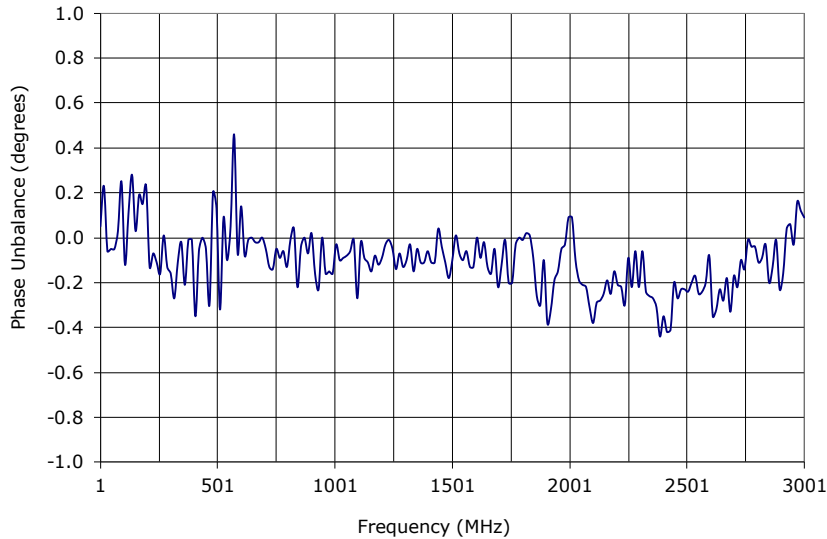
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