

4 PORT 0°/180° HYBRID SURFACE MOUNT MODEL: DJS-345

FREQUENCY

30 - 450 MHz

FEATURES:

- ▶ Ultra-Wide Bandwidth (15:1)
- ▶ High Power Handling
- ▶ Closely Controlled Phase/Amplitude Unbalance
- ▶ Lead Free Rel-Pro® Technology
- ▶ Small Size, Surface Mount



SPECIFICATIONS

Frequency	30 - 450 MHz	
Insertion Loss (dB) *	Typ.	Max.
	0.75	1.2
Amplitude Unbalance (dB)	Typ.	Max.
	0.3	0.8
Phase Unbalance (Deg.)	Typ.	Max.
	± 2.5°	± 4°
Isolation (dB)	Typ.	Min.
	23	18
Input Power Rating	5 Watts (Nom.)	
Impedance	50 Ohms (Nom.)	
VSWR	Sum Input	All Other
	1.22:1 (Typ.)	1.25:1 (Typ.)
Operating Temperature Range	-30 to +70 °C	

* Above theoretical split loss of 3 dB.

Package # 301LF-1

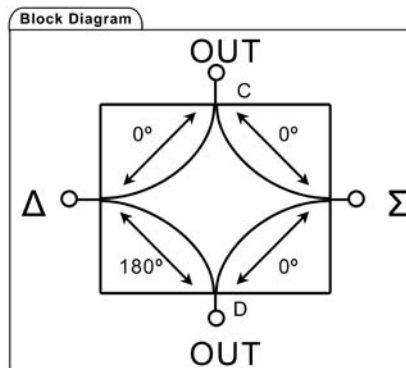
REL-PRO® PATENT PENDING

LAYOUT FOR PRINTED CIRCUIT DESIGN

TOLERANCES : X ±0.1
XX ±0.03
XXX ±0.015

PACKAGE MOUNTING: SEE APPLICATION NOTE AN7200

Sum (Σ)	Delta (Δ)	0° Output	180° Output	GND
8	1	4	5	All Others

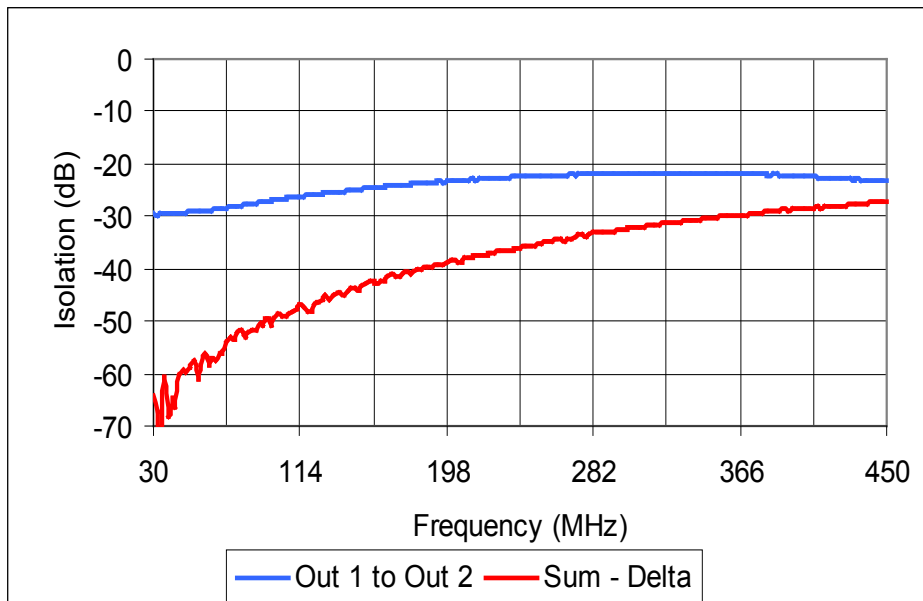
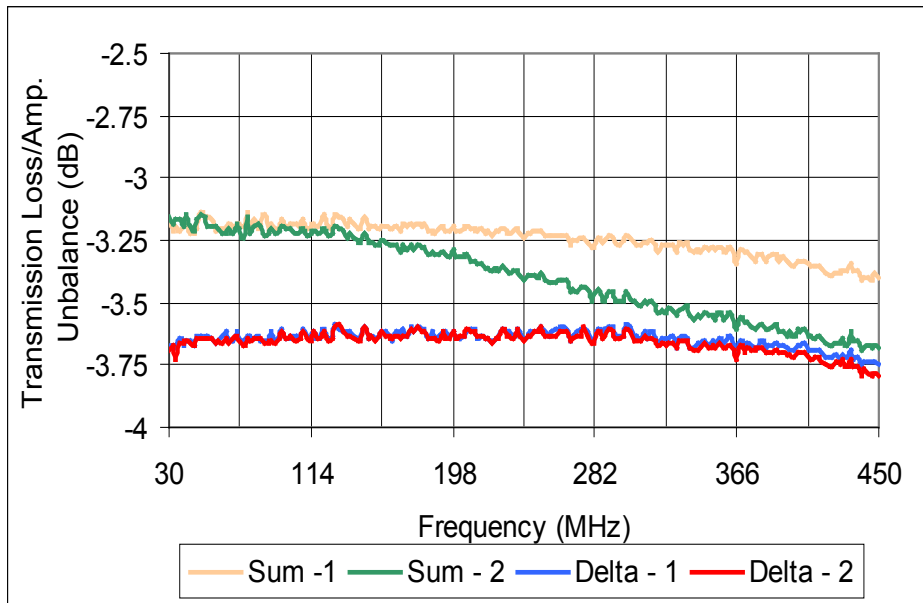


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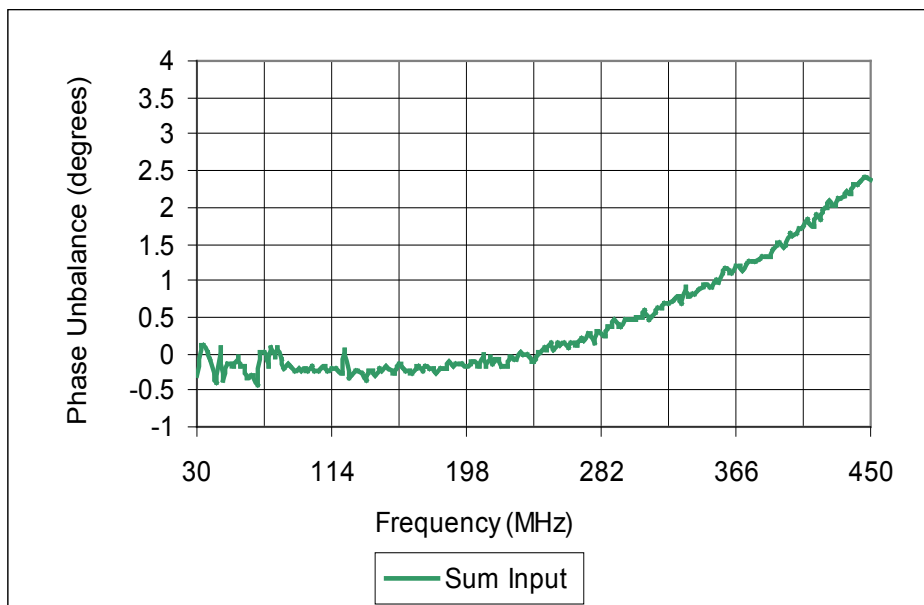
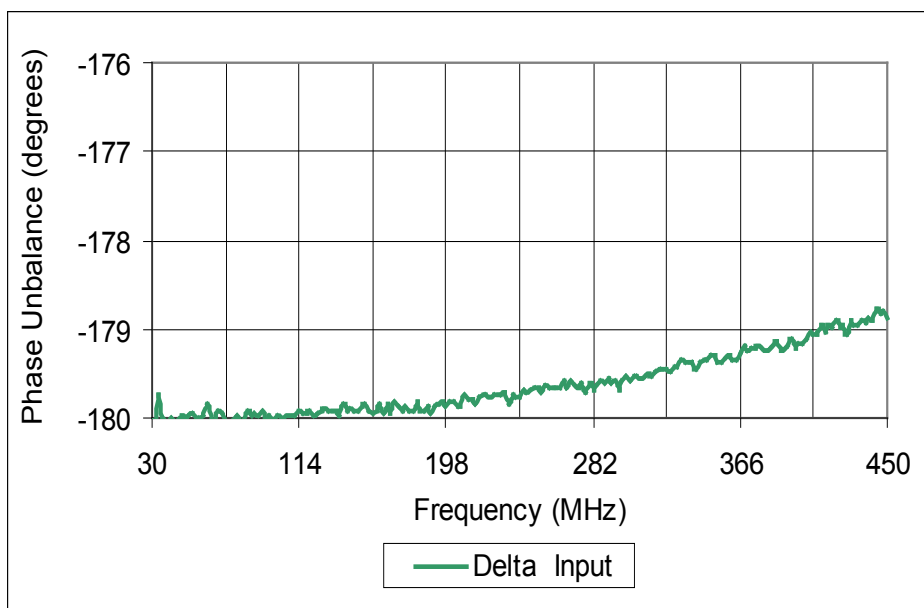


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