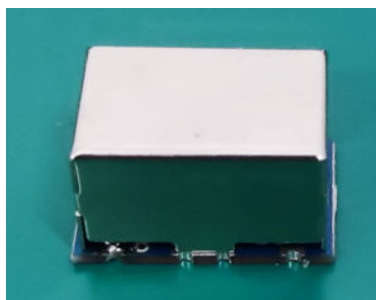
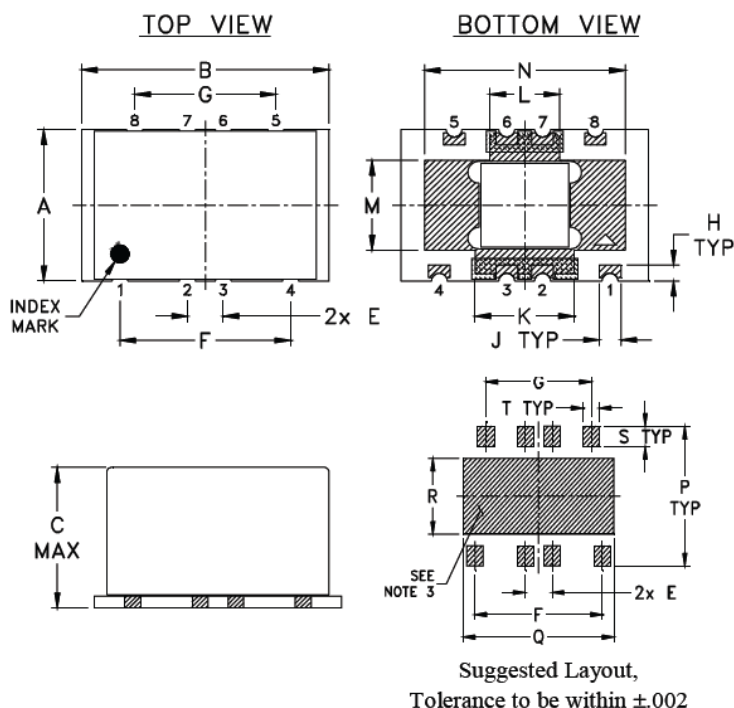


2Way 0° Divide transformer Frequency: 10-540MHz

Feature:

- .2way 0degree power divider.
- .SMT part.
- .Packaging 500pcs per reel.
- .used in 50OHM systems.
- .high power input, 20 Watt
- .260 degree compatible.

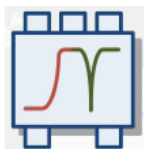
ROHS COMPLIANT



Dimensions (inch mm)								grams wt
A	B	C	E	F	G	H	J	K
.433	.690	.415	.100	.476	.394	.045	.060	.276
11.00	17.53	10.54	2.54	12.09	10.01	1.14	1.52	7.01
L	M	N	P	Q	R	S	T	
.194	.257	.560	.475	.561	.258	.069	.061	
4.93	6.53	14.22	12.07	14.25	6.55	1.75	1.55	

electrical schematic

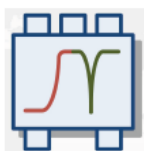




Pin Connections

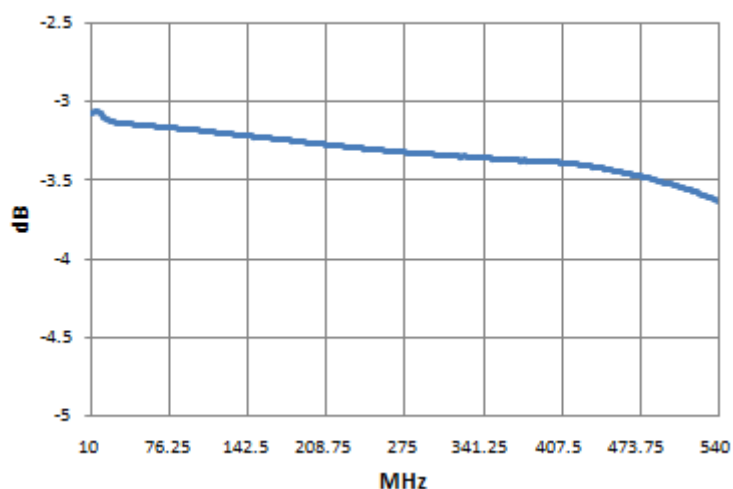
SUM PORT	1
OUTPUT PORT 1	4
OUTPUT PORT 2	5
GROUND	2,3,6,7
ISOLATION (NOT USED)	8

Electrical Specifications: TA=25°C, Zo=50Ω Pin=0dbm					
Parameter	Test Conditions	Units	Min.	Typ.	Max.
Insertion loss (Above 3.0dB)	10-30MHz	dB	---	0.2	0.5
	30-250MHz	dB	---	0.3	0.7
	250-540MHz	dB	---	0.5	1.1
VSWR (Port S)	10-30MHz	:1	---	1.2	1.4
	30-250MHz		---	1.25	1.45
	250-540MHz		---	1.35	1.65
VSWR (Port 1-2)	10-30MHz	:1	---	1.4	1.9
	30-250MHz		---	1.1	1.3
	250-540MHz		---	1.1	1.3
Isolation	10-30MHz	dB	14	20	---
	30-250MHz	dB	18	25	
	250-540MHz	dB	15	20	
Phase Unbalance	10-30MHz	degree	----	±2°	±1.5°
	30-250MHz	degree	----	±1°	±4°
	250-540MHz	degree	----	±1.5°	±5°
Amplitude Unbalance	10-30MHz	dB	---	±0.15	±0.4
	30-250MHz	dB	---	±0.1	±0.4
	250-540MHz	dB	---	±0.1	±0.4
RF Power Rating (max)		20W(+43dBm)			
DC Current (max)		800mA			
Test Impedance (50Ω,75Ω, etc.)		50OHM			
Operating Temperature		-40°C to +85°C			
Storage Temperature		-40°C to +85°C			

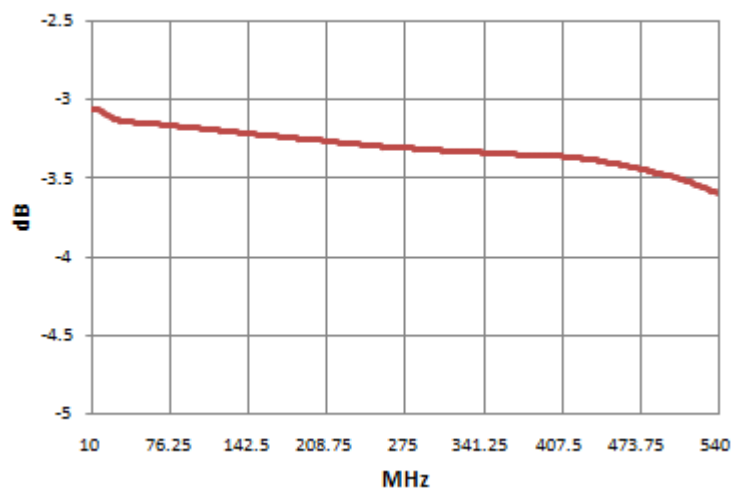


JY-SYPS-2-52HP+ 10-540MHz 2Way 0° Divider

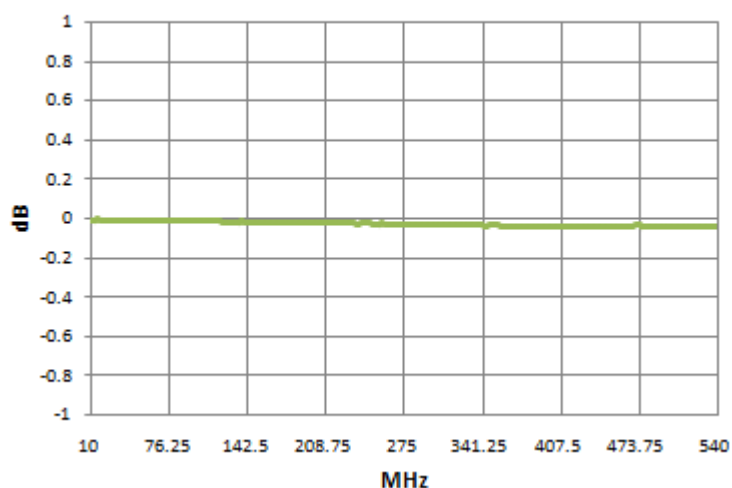
S-1



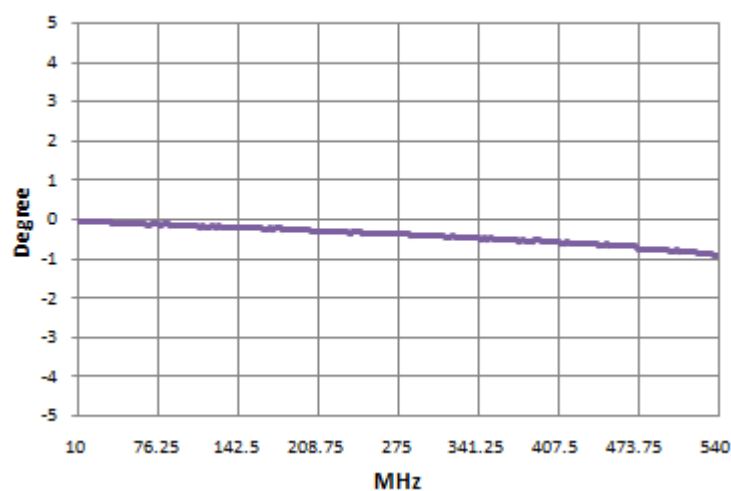
S-2



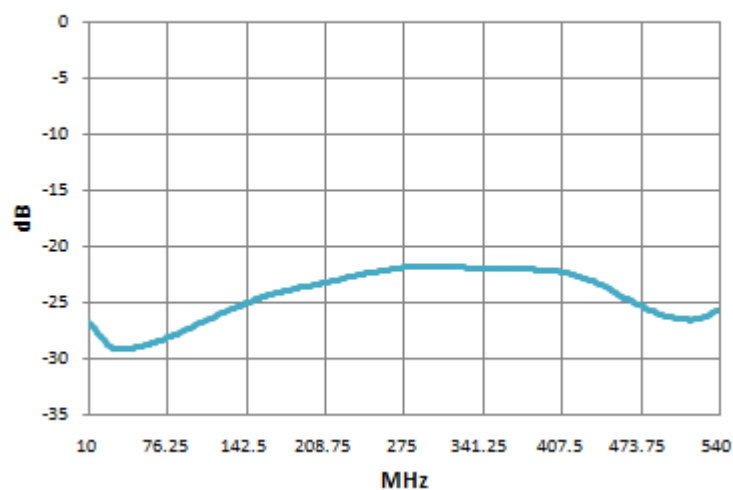
Amplitude



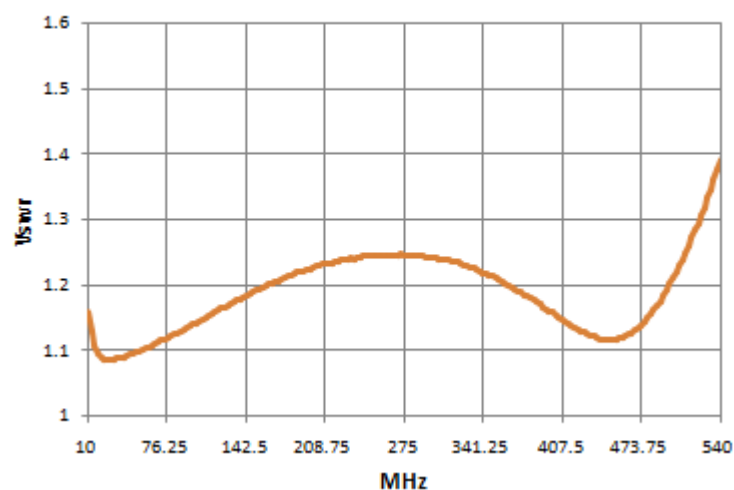
Phase

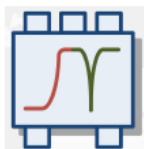


Isolation

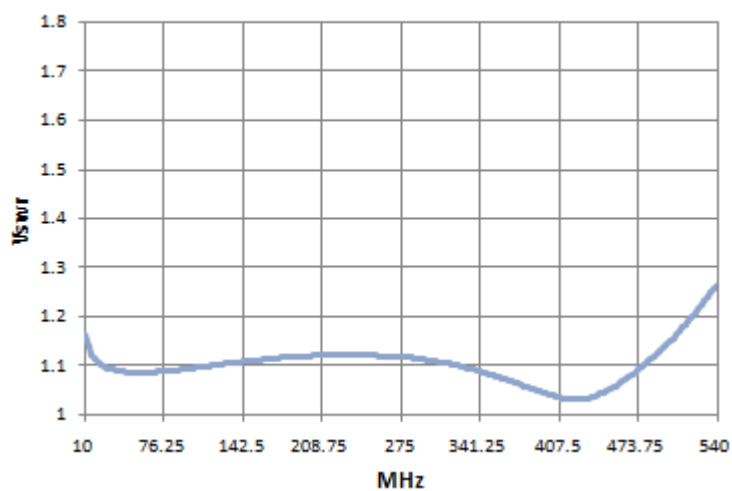


VSWR-S





VSWR-1



VSWR-2

