

## 2 Way Power Dividers

- 0.5-40 GHz, Octave and Multi-octave Bandwidths
- Low Insertion Loss & Amplitude Balance
- Designed to meet MIL-DTL-23971
- Environmental Screening Available

Frequency Range (GHz)	Connectors	Model Number	Isolation (dB, min.)	Insertion Loss (dB, max.)	Phase Balance (deg., max.)	Amplitude Balance (dB, max.)	VSWR Input (x.xx:1, max.)	VSWR Output (x.xx:1, max.)	CW Input(W) @ Load VSWR Out		
									1.2:1	2.0:1	∞
0.005 - 0.5	SMA jack	PD100-2S-.253G	23	0.60	2	0.2	1.30	1.30	2	.5	0.1
0.5 - 6.0	SMA jack	PD12-2S-3.25G	19	0.90	4	0.3	1.50	1.40	30	10	1.0
1.0 - 2.0	SMA jack	PD2-2S-1.5G	22	0.25	3	0.2	1.25	1.20	10	1	0.1
2.0 - 4.0	SMA jack	PD2-2S-3G	20	0.30	4	0.2	1.30	1.25	10	1	0.1
3.0 - 5.0	SMA jack	PD1-2S-4G	20	0.35	4	0.2	1.30	1.30	10	1	0.1
4.0 - 8.0	SMA jack	PD2-2S-6G	20	0.30	4	0.2	1.30	1.25	10	1	0.1
8.0 - 12.4	SMA jack	PD1-2S-10G	20	0.40	4	0.2	1.30	1.35	10	1	0.1
12.0 - 18.0	SMA jack	PD1-2S-15G	20	0.60	5	0.2	1.35	1.40	10	1	0.1
2.0 - 8.0	SMA jack	PD4-2S-6G	20	0.30	4	0.2	1.35	1.35	30	10	1.0
2.0 - 18.0	SMA jack	PD9-2S-10G	16	1.00	5	0.3	1.50	1.50	30	10	1.0
8.0 - 18.0	SMA jack	PD3-2S-13G	20	0.60	5	0.2	1.35	1.40	30	10	1.0
0.3 - 2.0	SMA jack	PD60-2S-8.8G	7	0.80	10	0.6	1.80	2.20	30	10	1.0
2.0 - 6.0			12	1.50	10	0.6	1.60	1.80	30	10	1.0
6.0 - 18.0			17	4.00	10	0.6	1.60	1.50	30	10	1.0
0.5 - 18.0	SMA jack	PD36-2S-9.2G	17	1.70	5	0.3	1.40	1.40	30	10	1.0
6.0 - 26.5	SMA jack	PD5-2S-16G	17	1.70	10	0.8	1.70	1.60	30	10	1.0
6.0 - 40.0	2.92mm jack	PD7-2K-23G	14	2.50	14	0.9	2.00	2.00	10	1	0.1
10.0 - 40.0	2.92mm jack	PD4-2K-25G	14	2.00	13	0.9	2.00	2.00	10	1	0.1

*Other frequency bands and connectors available.*

### Electrical Specifications

Impedance: 50 Ω, nominal

### Mechanical & Environmental Specifications

Operating Temperature -55 to +85 °C