

4-Way Power Dividers

- SMA, 3.5mm, 2.92mm and 2.4mm available
- 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	∞
0.5 - 1.0	SMA jack	PD2-4S-.75G	18	0.60	6	0.6	1.50	1.50	30	10	1
0.5 - 6.0	SMA jack	PD12-4S-3.25G	17	1.80	8	0.6	1.60	1.50	30	10	1
1.0 - 2.0	SMA jack	PD2-4S-1.5G	20	0.60	5	0.3	1.60	1.35	30	10	1
2.0 - 4.0	SMA jack	PD2-4S-3G	18	0.60	6	0.6	1.50	1.50	30	10	1
3.0 - 5.0	SMA jack	PD1-4S-4G	20	0.50	4	0.3	1.45	1.30	30	10	1
4.0 - 8.0	SMA jack	PD2-4S-6G	20	0.50	4	0.3	1.40	1.25	30	10	1
8.0 - 12.4	SMA jack	PD1-4S-10G	16	1.00	6	0.6	1.50	1.50	30	10	1
12.0 - 18.0	SMA jack	PD1-4S-15G	18	1.50	6	0.6	1.50	1.50	30	10	1
2.0 - 18.0	SMA jack	PD9-4S-10G	15	2.00	6	0.6	1.60	1.50	30	10	1
8.0 - 18.0	SMA jack	PD3-4S-13G	18	1.50	6	0.6	1.50	1.50	30	10	1
6.0 - 40.0	2.92mm jack	PD7-4K-23G	14	2.9	10	1.0	2.00	2.00	30	10	1
18.0 - 40.0	2.92mm jack	PD3-4K-29G	14	2.5	10	1.0	2.00	2.00	30	10	1
0.5 - 18.0	SMA jack	PD36-4S-9.2G	16	4.0	10	1.0	1.70	1.45	30	10	1
6.0 - 26.5	SMA jack	PD5-4S-16G	15	2.1	10	0.5	1.70	1.60	30	10	1

Other frequency bands and connectors available.

Electrical Specifications

Impedance: 50 Ω, nominal

Mechanical & Environmental Specifications

Operating Temperature -55 to +85 °