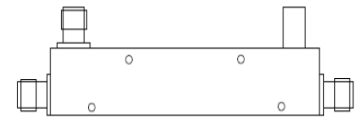


Directional Coupler

Features

- ✓ Full frequency bandwidth
- ✓ High directivity
- ✓ Low VSWR
- ✓ Operation temperature :-55°C to +105°C
- ✓ Other connector models available

MVE directional couplers are used in a wide variety of applications. The coaxial directional couplers are available with SMA or N connectors.



The frequency ranges between 0.5 to 18GHz, in power levels up to 100 Watts CW, and offer standard coupling values of 6, 10, 20 and 30 dB.

Model	Connector	Freq. (GHz)	Coupling (dB)	Directivity (dB Min.)	Insertion Loss (dB Max)	VSWR (Max)	Power (Watts)
JXD-AC0-6	SMA female	0.8-2.5	6	20	0.5	1.2	10
JXD-AC0-10	SMA female	0.8-2.5	10	20	0.5	1.2	10
JXD-AC0-20	SMA female	0.8-2.5	20	20	0.4	1.2	10
JXD-AC0-30	SMA female	0.8-2.5	30	20	0.4	1.2	10
SMC4035-10	N female	0.8-2.5	10	25	0.9	1.2	60
SMC4035-20	N female	0.8-2.5	20	25	0.4	1.2	60
JXD-AE0-10	SMA female	1-4	10	20	0.5	1.2	10
JXD-AE0-20	SMA female	1-4	20	20	0.4	1.2	10
JXD-AE0-30	SMA female	1-4	30	20	0.4	1.2	10
MC2104-6	SMA female	1-4	6	20	0.5	1.25	50
MC2104-10	SMA female	1-4	10	20	0.5	1.25	50
MC2104-20	SMA female	1-4	20	20	0.45	1.25	50
JXD-AG0-6	SMA female	2-8	6	20	0.5	1.5	10
JXD-AG0-10	SMA female	2-8	10	20	0.5	1.2	10
JXD-AG0-20	SMA female	2-8	20	20	0.4	1.2	10
JXD-AG0-30	SMA female	2-8	30	20	0.4	1.2	10
JXD-AJ0-10	SMA female	2-18	10	12	1.5	1.6	10
JXD-AJ0-20	SMA female	2-18	20	10	1.2	1.6	10
MC4052-10	N female	4-8	10	17	1.2	1.5	50
MC4052-20	N female	4-8	20	17	0.35	1.5	50
MC4052-30	N female	4-8	30	17	0.35	1.5	50
JXD-AK0-10	SMA female	4-18	10	12	1	1.5	10
JXD-AK0-20	SMA female	4-18	20	12	1	1.5	10