

Circulator/Isolator

Features

- ✓ High frequency
- ✓ Available for Waveguide connector clockwise rotation.

MVE circulator is a passive non-reciprocal three port device, in which RF signals power entering any port is transmitted to the next port in clockwise rotation. Isolator has two ports only. RF signals power is transmitted from port 1 to port 2, but blocks the signals from port 2 to port 1.

Circulator

Model	Connector	Frequency (GHz)	BW (MHz)	VSWR (Max)	Insertion Loss (Max)	Isolation (dB Min.)	Power (Avg.)
F2520	N	0.225-0.4	Full	1.4	1.0	18	60
F2515	N	0.15-0.4	Full	1.3	0.4	20	400
JXCIR-600-800-33	N	0.6-0.8	Full	1.3	0.5	18	100
JXCIR-800-1000-33	N	0.8-1.0	Full	1.3	0.5	18	100
F2558	N	0.96-1.22	Full	1.2	0.5	20	50
F2572	N	1.0-2.0	Full	1.5	1	15	50
F2560	DIN 7/16	0.96-1.22	Full	1.2	0.5	20	160
F2520	SMA	0.225-0.4	Full	1.4	1.0	18	60
JXCIR-800-1000-11	SMA	0.8-1	Full	1.3	0.5	18	100
F2557	SMA	0.96-1.22	Full	1.2	0.5	20	30
F2580	SMA	1.3-1.9	Full	1.35	0.5	17	100
F2588	SMA	1.7-2.5	200	1.15	0.3	23	50
F2612	SMA	2.0-4.0	Full	1.35	0.5	18	5
JXCIR-2000-4000-11	SMA	2.0-4.0	Full	1.35	0.5	18	10
F2628	SMA	3.4-4.8	Full	1.3	0.5	19	10
F2640	SMA	3.0-6.0	Full	1.4	0.6	16	20
F2658	SMA	4.0-8.0	Full	1.35	0.5	19	5
F2666	SMA	6.0-12.0	Full	1.4	0.6	16	10
F2700	SMA	6.0-18.0	Full	1.9	1.5	10	10
JXCIR-8000-12000-11	SMA	8.0-12.0	Full	1.35	0.5	20	5
F2712	SMA	8.0-12.4	Full	1.35	0.5	18	10
F2725	SMA	10.9-12.8	Full	1.25	0.5	20	10
F2720	SMA	12.0-18.0	Full	1.35	0.6	18	10

Outline Drawing

Isolator

Model	Connector	Frequency (GHz)	BW (MHz)	VSWR (Max)	Insertion Loss (Max)	Isolation (dB Min.)	Power (Avg.)
F2020	N	0.225-0.4	Full	1.4	1.0	18	60
F2515	N	0.15-0.4	16%	1.3	0.4	20	400
JXISO-600-800-33	N	0.6-0.8	Full	1.3	0.5	18	100
JXISO-800-1000-33	N	0.8-1.0	Full	1.3	0.5	18	100
F2072	N	1.0-2.0	Full	1.5	1	15	50-
F2560	DIN 7/16	0.96-1.22	Full	1.2	0.5	20	160
F2020	SMA	0.225-0.4	Full	1.4	1.0	18	60
JXISO-800-1000-11	SMA	0.8-1.0	Full	1.3	0.5	18	100
F2072	SMA	1.0-2.0	Full	1.5	1	15	50-
F2083	SMA	1.5-2.5	Full	1.35	0.5	18	10
F2088	SMA	1.7-2.7	200	1.15	0.3	23	20
F2112	SMA	2.0-4.0	Full	1.35	0.5	18	5
JXISO-2000-4000-11	SMA	2.0-4.0	Full	1.35	0.5	18	10
F2128	SMA	3.4-4.8	Full	1.3	0.5	19	10
F2640	SMA	3.0-6.0	Full	1.4	0.6	16	20
F2658	SMA	4.0-8.0	Full	1.35	0.5	19	5
F2666	SMA	6.0-12.0	Full	1.4	0.6	16	10
F2700	SMA	6.0-18.0	Full	1.9	1.5	10	10
JXISO-8000-12000-11	SMA	8.0-12.0	Full	1.35	0.5	20	5
F2225	SMA	10.9-12.8	Full	1.25	0.5	20	10
F2720	SMA	12.0-18.0	Full	1.35	0.6	18	10