

Coaxial Circulators and Isolators for Communications

Frequency (GHz)	Type Number		Specification			Operating Temperature °C	Dimensions (mm)		
	Circulator	Isolator	Isolation (dB)	Insertion Loss (dB)	VSWR		a	b	c
.790-.960	PG 3061	PD 3061	23.0	0.40	1.15	-10 to +60	45	50	30
.890-.960	PG 3041	PD 3041	20.0	0.40	1.25	-10 to +70	45	50	30
1.427-1.535	LG 3031	LD 3031	27.0	0.25	1.10	0 to +50	45	50	30
1.470-1.620	LG 3042	LD 3042	20.0	0.40	1.22	0 to +55	34	34	19
1.590-1.800	LG 3043	LD 3043	20.0	0.40	1.22	0 to +55	34	34	19
1.700-1.900	NG 3041	ND 3041	17.0	0.45	1.25	-40 to +55	26	29	15
1.700-1.900	NG 3042	ND 3042	25.0	0.25	1.12	0 to +50	40	45	19
1.700-2.100	NG 3061	ND 3061	25.0	0.25	1.12	0 to +50	40	45	19
1.900-2.100	NG 3043	ND 3043	17.0	0.45	1.25	-40 to +55	26	29	15
1.900-2.100	NG 3044	ND 3044	25.0	0.25	1.12	0 to +50	40	45	19
1.700-2.300	NG 3071	ND 3071	20.0	0.30	1.25	0 to +50	45	50	19
1.900-2.300	NG 3062	ND 3062	25.0	0.25	1.12	0 to +50	40	45	19
2.100-2.300	NG 3045	ND 3045	17.0	0.45	1.25	-40 to +55	26	29	15
2.100-2.300	NG 3046	ND 3046	25.0	0.25	1.12	0 to +50	40	45	19
2.300-2.500	SG 3041	SD 3041	17.0	0.45	1.25	0 to +50	26	29	15
2.300-2.500	SG 3042	SD 3042	25.0	0.25	1.12	0 to +50	40	45	19
2.350-2.700	SG 3051	SD 3051	20.0	0.50	1.30	-10 to +55	42	43	20
2.450-2.700	SG 3043	SD 3043	25.0	0.25	1.12	0 to +50	40	45	19
2.700-3.100	SG 3052	SD 3052	20.0	0.30	1.25	-10 to +50	26	28	19
3.700-4.200	UG 3053	UD 3053	25.0	0.30	1.15	-40 to +55	25	28	16
3.800-4.200	UG 3043	UD 3043	25.0	0.30	1.15	-40 to +55	25	28	16
4.400-5.000	UG 3055	UD 3055	25.0	0.30	1.15	-40 to +55	25	28	16
5.400-5.900	UG 3044	UD 3044	25.0	0.30	1.15	0 to +50	25	28	16
5.900-6.400	CG 3041	CD 3041	25.0	0.30	1.15	-40 to +55	25	28	16
6.400-7.100	CG 3042	CD 3042	25.0	0.30	1.15	-40 to +55	25	28	16
7.100-7.800	CG 3043	CD 3043	25.0	0.30	1.15	-40 to +55	25	28	16
7.125-8.500	CG 3061	CD 3061	25.0	0.30	1.15	-10 to +65	19	21	16
7.250-7.750	CG 3031	CD 3031	23.0	0.30	1.15	-10 to +65	19	21	16
7.800-8.400	CG 3032	CD 3032	25.0	0.30	1.15	-40 to +55	25	28	16
7.900-8.500	CG 3033	CD 3033	25.0	0.30	1.15	-40 to +55	25	28	16
10.700-11.700	XG 3044	XD 3044	27.0	0.30	1.10	0 to +50	16	21	16
11.700-12.500	XG 3035	XD 3035	25.0	0.35	1.15	0 to +50	16	21	16
12.500-12.750	JG 3021	JD 3021	22.0	0.40	1.20	-20 to +70	13	17	13
12.750-13.250	JG 3032	JD 3032	20.0	0.35	1.20	0 to +55	13	17	13
14.400-15.300	JG 3036	JD 3036	20.0	0.45	1.25	-20 to +85	13	17	13
14.400-15.600	JG 3041	JD 3041	20.0	0.45	1.20	-40 to +85	13	17	13
17.700-19.700	JG 3042	JD 3042	20.0	0.50	1.25	-10 to +55	13	17	13

Special Features

- Optimised performance in standard CCIR Frequency bands
- Specially designed for high capacity microwave links
- High isolation
- Low insertion loss
- Low VSWR
- Low intermodulation products
- Low RF leakage
- Small package size

OUTLINE DRAWING

