

# WIDEBAND CIRCULATORS AND ISOLATORS

Designed to operate over a wide temperature range and in severe environmental conditions our range of stripline coaxial circulators and isolators cover the frequency range 1.0GHz - 18.0GHz.

Multiport versions are available.

Custom designs are available on request.

Frequency (GHz)	TYPE NUMBER		SPECIFICATION			Operating Temp(°C)	DIMENSIONS (mm)			POWER
	Circulator	Isolator	Isolation (dB) min	Insertion Loss (dB) max	Return Loss (dB) min		a	b	c	Forward CW (W)
<b>1.000 to 18.000GHz</b>										
1.0 - 2.0	LG 3091	LD 3091	19.0 17.0	0.5 0.6	19 16.5	+25 0 to +55	76	76	26	40
2.0 - 4.0	SG 3091	SD 3091	20.0 17.0	0.4 0.6	20 16.5	+25 -54 to +85	40.25	40.25	19	30
3.9 - 8.0	CG 3091	CD 3091	18.0 18.0	0.4 0.6	18 16.5	+25 -54 to +71	25.4	25.4	12.7	30
4.0 - 8.0	CG 3092	CD 3092	20.0 17.0	0.4 0.5	20 16.5	+25 -54 to +85	25.4	27.7	12.7	30
4.8 - 9.6	CG 3093	CD 3093	20.0 17.0	0.4 0.6	19 16.5	+25 -40 to +100	33.33	34.8	13.5	10
6.0 - 12.0	XG 3091	XD 3091	20.0 17.0	0.5 0.6	19 16.5	+25 -54 to +85	22.3	25.4	16	10
7.0 - 12.4	XG 3092	XD 3092	20.0 17.0	0.4 0.6	19 16.5	+25 -54 to +85	22.4	22.4	16	10
8.0 - 16.0	XG 3093	XD 3093	18.0 17.0	0.5 0.6	18 16.5	+25 -54 to +85	15.9	20.6	16	10
7.5 - 17.0	JG 3091	JD 3091	15.0 15.0	0.8 0.8	14 13.5	+25 -54 to +85	15.9	20.6	16	10
7.5 - 18.0	JG 3092	JD 3092	15.0 15.0	0.8 0.8	14 13.5	+25 -54 to +85	15.9	20.6	16	10
8.5 - 17.0	JG 3093	JD 3093	20.0 17.0	0.5 0.6	19 16.5	+25 -54 to +85	15.9	20.6	16	10
9.0 - 16.5	JG 3094	JD 3094	20.0 17.0	0.5 0.6	19 16.5	+25 -54 to +85	15.9	20.6	16	10
11.0 - 18.0	JG 3095	JD 3095	20.0 17.0	0.5 0.6	20 16.5	+25 -54 to +71	15.9	20.6	16	10

