

15mm SURFACE MOUNT CIRCULATOR SERIES

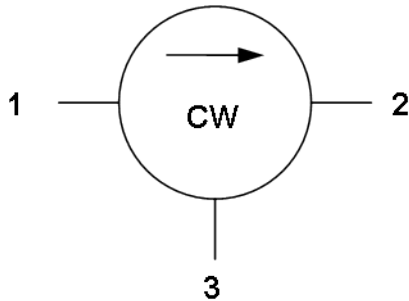
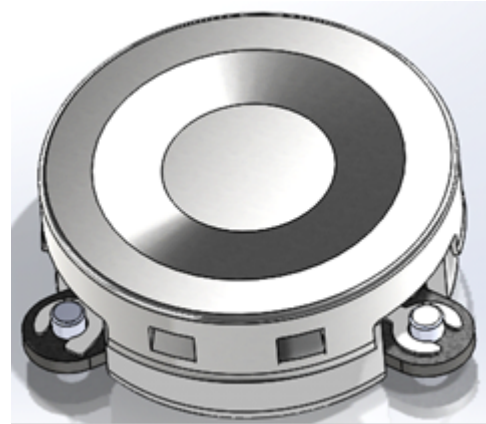


Figure 1. Circulator Block Diagram



Electrical Specifications:

Part Number	Frequency Range (GHz)	Insertion Loss (dB) Max.	Isolation (dB) Min.	Return Loss (dB) Min.	IMD dBc Min.	Average/Peak Power (W)	Operating Temp (°C)
SKYFR-001514	0.773 – 0.803	0.35	20	20	56 (2x20W)	80/250	-40 to +105
SKYFR-001549	0.860 – 0.894	0.35	20	20	56 (2x20W)	80/500	-40 to +105
SKYFR-001770	0.902 - 0.928	0.35	20	20	55 (2x10W)	80/500	-10 to +110
SKYFR-001400	0.925 – 0.960	0.30	19	19	54 (2x20W)	80/500	-40 to +110
SKYFR-001077	1.805 – 1.880	0.25	19	21	59 (2x15W)	80/500	-40 to +110
SKYFR-001545	1.805 – 1.920	0.25	21	21	65 (2x25W)	80/300	-40 to +115
SKYFR-001292	1.870 – 1.930	0.30	23	23	70 (2x10W)	80/200	-40 to +125
SKYFR-000932	1.880 – 2.025	0.35	18	19	55 (2x15W)	100/1000	-40 to +120
SKYFR-002172	2.300 – 2.400	0.25	20	23	65 (2x50W)	100/1000	-40 to +115
SKYFR-001808	2.400 – 2.500	0.25	23	23	65 (2x15W)	600	0 to +100
SKYFR-001663	2.496 – 2.690	0.25	22	22	69 (2x30W)	100/1000	-40 to +105
SKYFR-002170	2.496 – 2.690	0.25	20	23	65 (2x50W)	100/1000	-40 to +115
SKYFR-001652	3.400 – 3.600	0.25	24	24	70 (2x20W)	60/500	-40 to +105
SKYFR-001529	3.490 – 3.760	0.35	20	20	68 (2x15W)	30/200	-40 to +125
SKYFR-001662	3.600 – 3.800	0.25	24	24	68 (2x20W)	60/500	-40 to +105
SKYFR-002152	3.700 – 3.980	0.25	23	23	69 (2x30W)	100/1000	-40 to +105

Extended operating temperature range and custom frequency range designs available on request.