

## 20mm SURFACE MOUNT ISOLATOR SERIES

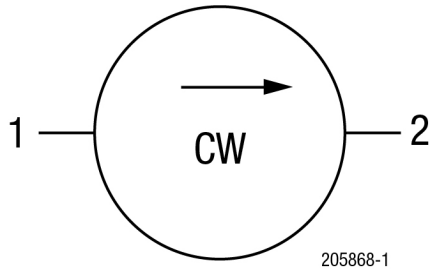


Figure 1. Isolator Block Diagram

### Electrical Specifications:

Part Number	Frequency Range (GHz)	Insertion Loss (dB) Max.	Isolation (dB) Min.	Return Loss (dB) Min.	IMD dBc Min.	Average/Reverse /Peak Power (W)	Operating Temp (°C)
SKYFR-001398	0.758 - 0.803	0.30	26	24	60 (2x20W)	100/60/500	-40 to +120
SKYFR-001543 (CCW)	0.852 - 0.960	0.40	20	20	60 (2x15W)	40/30/150	-40 to +105
SKYFR-001456	0.925 - 0.960	0.25	24	21	68 (2x65W)	150/60/1000	-40 to +90
SKYFR-001850	1.452 - 1.496	0.20	26	23	70 (2x65W)	150/60/1000	-40 to +120
SKYFR-001079 (CCW)	1.480 - 1.526	0.25	25	25	74 (2x10W)	140/70/500	-25 to +90
SKYFR-002017	1.805 - 1.880	0.20	22	20	69 (2x50W)	150/40/1000	-40 to +125
SKYFR-001170	1.840 - 1.900	0.25	25	25	74 (2x20W)	70/70/300	-25 to +95
SKYFR-002000	1.930 - 1.995	0.20	22	20	69 (2x40W)	100/40/1000	-40 to +115
SKYFR-001874	1.995 - 2.020	0.18	22	20	69 (2x50W)	150/80/1500	-40 to +130
SKYFR-001853	2.110 - 2.200	0.20	22	20	69 (2x50W)	150/80/1500	-40 to +125
SKYFR-002019	2.620 - 2.690	0.20	22	20	69 (2x50W)	150/40/1500	-40 to +125

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