

15mm SURFACE MOUNT ISOLATOR SERIES

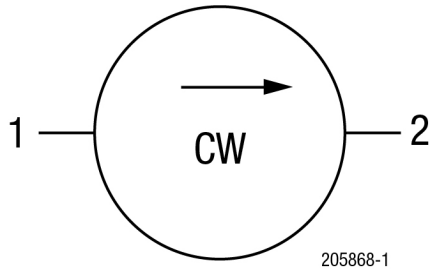


Figure 1. Isolator Block Diagram

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-001776	0.758 – 0.960	1.30	11	13	42 (2x15W)	20/4/120	-40 to +90
SKYFR-001179	0.925 – 0.960	0.35	20	20	60 (2x15W)	40/25/150	-40 to +90
SKYFR-001602	1.805 – 1.880	0.25	23	23	60 (2x15W)	55/30/500	-40 to +110
SKYFR-001477	1.930 – 1.995	0.25	23	24	60 (2x15W)	40/30/150	-40 to +105
SKYFR-001478	2.110 – 2.200	0.25	23	24	60 (2x15W)	100/30/500	-40 to +105
SKYFR-001838	1.805 – 2.200	0.60	20	20	55 (2x5W)	25/25/160	-40 to +125
SKYFR-001476	2.620 – 2.690	0.30	23	23	60 (2x15W)	40/30/150	-40 to +105

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