

Circulator & Isolator



Feature

- From 400MHz to 3GHz
- Connectorized (SMA,N)
- 1" & 3/4" Drop -in Type
- Clockwise or counter-clockwise orientation
- BeO Free

Application

- TRS, CDMA, GSM, Cellular, PCS
- IMT-2000, UMTS
- Custom design available



Drop-in Type Circulator

Specification

Part Number	Frequency (MHz)	Isolation (dB)		Insertion Loss(dB)		VSWR Max.	Power (Watts)		Operating temperature (°C)
		Typ.	Min	Typ.	Max.		Input	Load	
RTC806-824KD	806-824	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC824-849 KD	824-849	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC851-869 KD	851-869	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC869-894 KD	869-894	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC880-915 KD	880-915	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC890-915 KD	890-915	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC925-960 KD	925-960	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC935-960 KD	935-960	22	20	0.2	0.25	1.2 : 1	120	100	-30~+85
RTC1710-1785 KD	1710-1785	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC1750-1780 KD	1750-1780	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC1805-1880 KD	1805-1880	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC1840-1870 KD	1840-1870	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC1850-1910 KD	1850-1910	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC1920-2170AD	1920-2170		18		0.5	20	100	60	-30~+70
RTC1930-1990 KD	1930-1990	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC2090-2190 KD	2090-2190	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85
RTC2110-2170AD	2110-2170		20		0.4	20	100	60	-30~+70
RTC2500-2700AD	2500-2700		20		0.4	20	100	60	-30~+70
RTC2600-2700 KD	2600-2700	22	20	0.3	0.4	1.2 : 1	120	100	-30~+85

Drop-in Type Isolator

Specification

Part Number	Frequency range (MHz)	Isolation (dB)		Insertion Loss(dB)		V.S.W.R (Max.)	Power (Watts)		Size (Inch)	Operating temperature (°C)
		(Typ.)	(Min.)	(Typ.)	(Max.)		(Input)	(Load)		
RTI806-824KD	806-824	23	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI824-849 KD	824-849	23	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI824-905KD	824-905	23	20	0.25	0.30	1.2 : 1	120	100	1	-30~+85
RTI851-869 KD	851-869	23	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI860-960KD	890-960	20		0.3		20	100	60	1	-20~+85
RTI869-894 KD	869-894	23	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI876-915KD	876-915	23	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI880-915 KD	880-915	22	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI890-915 KD	890-915	22	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI921-960KD	921-960	22	20	0.25	0.30	1.2 : 1	120	100	1	-30~+85
RTI925-960 KD	925-960	22	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI935-960 KD	935-960	22	20	0.2	0.25	1.2 : 1	120	100	1	-30~+85
RTI1710-1785 KD	1710-1785	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI1750-1780 KD	1750-1780	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI1805-1880 KD	1805-1880	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI1840-1870 KD	1840-1870	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI1850-1910 KD	1850-1910	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI1620-1670KD	1620-1670	20		0.3		24	100		3/4	-30~+85
RTI1920-1980KD	1920-1980	22		0.4		1.2 : 1	120	100	3/4	-30~+85
RTI1930-1990 KD	1930-1990	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI2090-2190 KD	2090-2190	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI2110-2170KD	2110-2170	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85
RTI2600-2700 KD	2600-2700	22	20	0.3	0.40	1.2 : 1	120	100	3/4	-30~+85

***Connectorized Circulator & Isolator*****Specification**

Part Number	Frequency (MHz)	Isolation (dB)		I.L (dB)		VSWR (Max.)	Power (Watts)		Connector (female)	Operating temperature (°C)
		Typ.	Min	Typ.	Max.		Input	Load		
RTI806-824KC	806-824	23	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI824-849 KC	824-849	23	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI851-869 KC	851-869	23	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI869-894 KC	869-894	23	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI880-915 KC	880-915	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI890-915 KC	890-915	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI925-960 KC	925-960	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI935-960 KC	935-960	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1400-1550KSC	1400-1550	22		0.25		22	150	100	SMA	-30~+85
RTI1710-1785 KC	1710-1785	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1750-1780 KC	1750-1780	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1805-1880 KC	1805-1880	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1840-1870 KC	1840-1870	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1850-1910 KC	1850-1910	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1930-1990 KC	1930-1990	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTI1990-2110SMF	1990-2110	20		0.4		20	30		SMA	-40~+70
RTI2090-2190 KC	2090-2190	22	20	0.2	0.25	1.2 : 1	150	100	SMA, N	-30~+85
RTC2550-2660ASC	2550-2660	22		0.3		22	120		SMA, N	-30~+80
RTI7500-8500 KC	7500-8500	20	18	0.3	0.35	1.25 : 1	150	100	SMA	-30~+85
RTI9000-10000 KC	9000-10000	20	18	0.3	0.35	1.25 : 1	150	100	SMA	-30~+85