

Microwave Technology Corporation

DROP IN FLANGE MOUNT ISOLATORS & SURFACE MOUNT CIRCULATORS

MTC offer a wide range of narrow and wide bandwidth RF and microwave isolators and circulators product in Coaxial and Drop-in configurations that extend from 200 MHz to 40 GHz frequency range. Customer can select from the Products listed below or to send us your requirements so we can meet your needs better.

- Standard Isolator 1 Watt , Forward power 25 to 500 Watts and Reverse power 5 to 100 watts available
- Neodymium (NdFe B) free
- In - house customer design engineering
- Custom Surface Mount , Flange Mount packaging available
- Contact factory for custom requirement

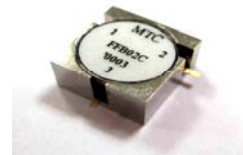
Model No.		Frequency range	ISOLATION	Insertion loss	VSWR	Operating Temp.	Power Fwd / Rev (Watt)			Dimension		Weight
Isolator	Circulator	(GHz)	dB(Min)	dB(Max)	Max	deg C.	Fwd	Rev Cir	Rev Iso	Isolators (mm.)	Circulators (mm.)	(grams)
FFB0211	FFB02C	3.600-4.200	18	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FGA0711	FGA07C	4.200-4.400	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FGB0111	FGB01C	4.400-5.000	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FGA0811	FGA08C	4.700-5.300	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FGB0311	FGB03C	5.400-5.900	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FHB0111	FHB01C	5.800-6.500	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FHA0611	FHA06C	6.400-7.100	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FHA0711	FHA07C	7.100-7.800	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FIA0311	FIA03C	7.800-8.500	20	0.50	1.25:1	-40 to +85	20	20	1	9.52x15.74x5.33	9.60x9.60x5.33	3
FIA0411	FIA04C	9.200-9.700	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FIA0511	FIA05C	9.50-10.50	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FJA0411	FJA04C	10.00-11.00	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FJA0511	FJA05C	11.70-12.30	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FJA0611	FJA06C	12.20-12.75	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FJA0711	FJA07C	12.75-13.25	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKA0811	FKA08C	13.00-13.60	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKB0111	FKB01C	14.00-14.50	20	0.50	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKA0911	FKA09C	15.00-18.00	20	0.60	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKB0311	FKB03C	17.700-19.700	18	0.70	1.30:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKA1011	FKA10C	18.400-19.000	20	0.60	1.25:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKA1111	FKA11C	18.000-21.000	18	0.70	1.30:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3
FKA1211	FKA12C	21.200-23.600	18	0.70	1.30:1	-40 to +85	10	10	1	6.35x12.70x4.57	6.35x6.35x4.57	1.3



ISOLATOR



CIRCULATOR



OUTLINE DRAWING FLANGE MOUNT

MODEL : **X** **X** **X** **XX** **XX**

DROP IN = NO LETTER
 FLANGE MOUNT=F
 PILL = P
 SURFACE MOUNT = S

BAND (GHz)
 B : 0.25 - 0.50
 C : 0.50 - 1.00
 D : 1.00 - 2.00
 E : 2.00 - 3.00
 F : 3.00 - 4.00
 G : 4.00 - 6.00
 H : 6.00 - 8.00
 I : 8.00 - 10.00
 J : 10.00 - 13.00
 K : 13.00 - 26.50
 L : 26.50 - 40.00

SPECIAL OPTION OF MODIFY SPEC ALSO DIMENSION AND OTHER SPEC OF IN SEQUENCE A - Z

ALLOCATION OF FREQUENCY RANGE

GENDER OF ISOLATOR & CIRCULATOR OR POWER RATING OF LOAD IN SEQUENCE
 I : ISOLATOR CLOCKWISE
 M : ISOLATOR ANTI-CLOCKWISE
 C : CIRCULATOR CLOCKWISE
 N : CIRCULATOR ANTI-CLOCKWISE
 1 : 1 W LOAD
 10 : 10 W LOAD
 20 : 20 W LOAD
 30 : 30 W LOAD
 40 : 40 W LOAD

