

Model SHX-TH Circulators 0.3-18GHz 10-150 Watts



Circulators and Isolators permit flow of microwave energy in one direction only. Isolators make energy from input to output and circulators control energy transfer follow one certain loop. Thus to make each class and system of microwave equipment independence and isolate from each other.

Mode Number	Frequency Range(GHz)	Band Width(MHz)	Insertion Loss(dB)	Isolation (dB)	VSWR	Average Power(W)	Dimensions (mm)	Connector Type
SHX-TH0301A	0.3-04	30	0.3	25	≤1.20	150	52×58×22	SMA, N
SHX-TH0401A	0.4-0.6	30	0.3	25	≤1.20	150	44×50×21	SMA, N
SHX-TH0701	0.4-0.6	10	0.3	23	≤1.20	150	35×38×20	SMA, N
	0.6-1.0	30						
SHX-TH101	0.8-1.2	70	0.3	23	≤1.20	60	30×33×15	SMA, N
		200	0.5	20	≤1.25			
SHX-TH101-S	0.8-1.2	70	0.3	23	≤1.20	60	30×33×15	SMA
		200	0.5	20	≤1.25			
SHX-TH101A	1.2-2.5	70	0.3	23	≤1.20	60	25.4×28.5×20	SMA, N
		200	0.4	20	≤1.25			
SHX-TH101F	0.95-2.0	70	0.3	23	≤1.20	20	25×25×15	SMA
	1.0-2.0	200	0.4	20	≤1.25			
SHX-TH201J	1-2	1000	0.7	14	≤1.45	30	70×80×21	SMA, N
SHX-TH201	1.8-3	200	0.3	23	≤1.20	20	28×30×19	SMA, N
		400	0.4	20	≤1.20			
SHX-TH201B1	1.5-2.5	70	0.3	23	≤1.20	30	20×25.4×15	SMA
SHX-TH201F	2-3.5	200	0.3	23	≤1.20	20	25×25×15	SMA
		400	0.4	20	≤1.20			
SHX-TH301A	2-4	2000	0.6	18	≤1.40	30	32×34×15	SMA, N
SHX-TH401A	3.5-6.5	300	0.3	23	≤1.20	20	16×21×14	SMA
		600	0.4	20	≤1.20			
SHX-TH401D	3.5-6.5	300	0.3	23	≤1.20	20	20×24×18	SMA, N
		600	0.4	20	≤1.20			
SHX-TH501S	5-7	300	0.6	50	≤1.20	10	30×21×14	SMA
SHX-TH601K	4-8	4000	0.6	18	≤1.20	20	20×26×14	SMA
SHX-TH701A	6.5-18	300	0.3	23	≤1.20	10	15×19×13	SMA
		1000	0.4	20	≤1.20			
	8-12	4000	0.5	20	≤1.25	30		
	12-18	6000	0.6	17	≤1.40			

Notes:

1. Dimensions Tolerance ±2%

Model SHX-TG Isolators 0.3-15GHz 10-150 Watts



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Model Number	Frequency Range(GHz)	Band Width(MHz)	Insertion Loss(dB)	Isolation (dB)	VSWR	Average Power(W)	Load Power(W)	Dimensions LxWxH(mm)	Connector Type
SHX-TG0301A	0.3-0.4	30	0.3	25	≤1.20	100	10	52x58x22	SMA,N
SHX-TG0301B	0.3-0.4	30	0.3	25	≤1.20	100	100	52x85x22	SMA,N
SHX-TG0401A	0.4-0.6	30	0.3	25	≤1.20	100	10	44x50x21	SMA,N
SHX-TG0401B	0.4-0.6	30	0.3	25	≤1.20	100	100	44x77x21	SMA,N
SHX-TG0701	0.4-0.6 0.6-1.0	10	0.3	25	≤1.20	100	10	35x38x20	SMA,N
		30	0.3	25	≤1.20				
		100	0.4	20	≤1.25				
SHX-TG0701B-150	0.6-1.0	30	0.3	25	≤1.20	100	150	35x60x20	SMA,N
		100	0.4	20	≤1.25				
SHX-TG101	0.8-1.2	70	0.3	25	≤1.20	100	10	30x33x20	SMA,N
		200	0.4	20	≤1.25				
SHX-TG101B	0.8-1.2	70	0.3	25	≤1.20	100	100	30x43x20	SMA,N
		200	0.4	20	≤1.25				
SHX-TG101-S1	0.8-1.2	70	0.3	25	≤1.20	100	10	30x33x15	SMA
		200	0.4	20	≤1.25				
SHX-TG101A	1.2-2.5	70	0.3	25	≤1.20	100	10	25.4x28.5x20	SMA,N
		200	0.4	20	≤1.25				
SHX-TG101A-B	1.2-2.5	70	0.3	25	≤1.20	100	100	25.4x28.5x20	SMA,N
		200	0.4	20	≤1.25				
SHX-TG101F	0.8-2.0 1.0-2.0	25	0.3	25	≤1.20	100	10	25x25x15	SMA
		200	0.4	20	≤1.25				
SHX-TG101SB	0.8-1.2	25	0.4	50	≤1.20	100	100	60x33x20	SMA,N
SHX-TG201J	1-2	1000	0.7	15	≤1.45	60	20	70x81x21	SMA,N
SHX-TG201B1	1.4-2.4	70	0.3	25	≤1.20	100	10	20x25.4x15	SMA
SHX-TG201	1.8-3.0	200	0.3	25	≤1.20	60	10	28x30x19	SMA,N
		400	0.4	23	≤1.20				
SHX-TG201F	1.8-3.5	200	0.3	25	≤1.20	60	10	25x25x15	SMA
		400	0.4	20	≤1.20				
SHX-TG301A	2-4	2000	0.6	18	≤1.40	30	10	32x34x18	SMA,N
SHX-TG601K	4-8	4000	0.6	18	≤1.30	30	10	32x20x14	SMA
SHX-TG601A	4-8	1000	0.5	20	≤1.25	30	10	26x16x13	SMA
SHX-TG801F	10-15	5000	0.5	20	≤1.25	30	10	12x20x13	SMA

Notes:

1. Dimensions Tolerance ±2%