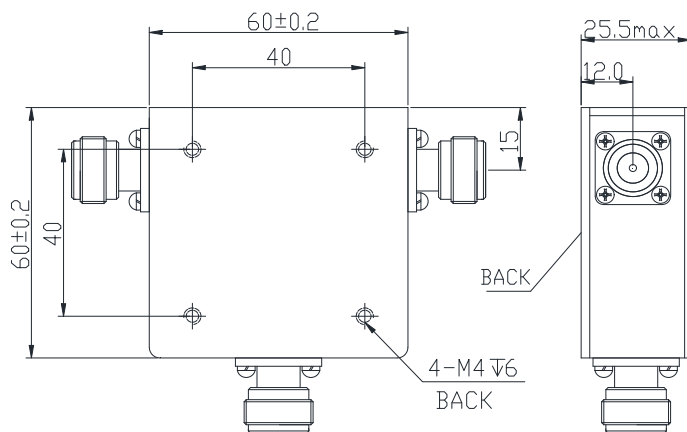
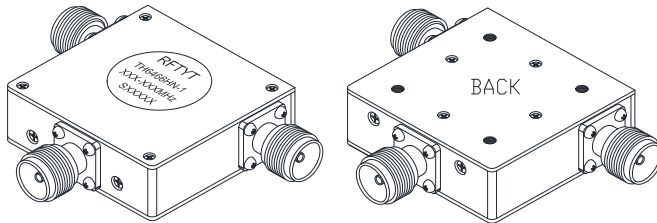
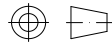


## 40 to 400MHz Coaxial Circulator

### TH6060EN N Type

Outline Drawing (mm):



#### Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight :  $\approx$  315 g

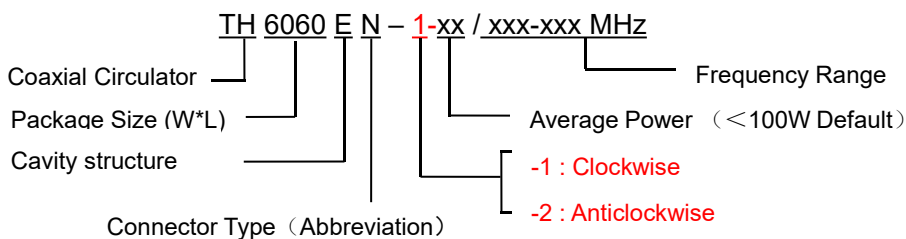
#### Material list:

- ◇ Shell: industrial pure iron nickel plated
- ◇ Inner conductor: silver plated brass
- ◇ Connector housing: brass nickel plated

#### Application:

- ◇ RF amplifier final stage, protect the amplifier
- ◇ Transmit and receive common antenna
- ◇ Digital communication
- ◇ Satellite communication
- ◇ ionospheric scattering communication
- ◇ Mobile communication
- ◇ Small-capacity microwave relay communication

#### Order Examples:



#### Connector Type:

SMA Type Connector Options				N Type Connector Options			
Port 1	Port 2	Port 3	Abbreviation	Port 1	Port 2	Port 3	Abbreviation
K	K	K	S	K	K	K	N
K	J	J	SKJJ	K	J	J	NKJJ
J	K	J	SJKJ	J	K	J	NJKJ
K	K	J	SKKJ	K	K	J	NKKJ
J	J	J	SJ	J	J	J	NJ

### Basic Specifications :

Impedance	50 Ω
Forward Power	100W
Connector Type	N-K
Size(mm)	60.0*60.0*25.5
Operating Temp	-20~+70℃
Storage temperature	-50~+90 ℃

### Specifications :

Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range MHz	IL. dB (max)	Isolation dB (min)	VSWR (max)	POWER W
TH6060EN-X/40-45MHz	40-45	1.8	18.0	1.30	50
TH6060EN-X/45-50MHz	45-50	1.4	18.0	1.30	50
TH6060EN-X/45-55MHz	45-55	1.6	18.0	1.30	50
TH6060EN-X/47-61MHz	47-61	1.5	18.0	1.30	50
TH6060EN-X/50-75MHz	50-75	1.2	18.0	1.30	50
TH6060EN-X/55-65MHz	55-65	0.8	20.0	1.25	50
TH6060EN-X/55-75MHz	55-75	1.0	18.0	1.30	50
TH6060EN-X/60-65MHz	60-65	0.6	20.0	1.25	50
TH6060EN-X/60-80MHz	60-80	0.8	20.0	1.25	50
TH6060EN-X/65-70MHz	65-70	0.6	20.0	1.25	100
TH6060EN-X/68-88MHz	68-88	0.7	20.0	1.25	100
TH6060EN-X/70-85MHz	70-85	0.6	20.0	1.25	150
TH6060EN-X/70-90MHz	70-90	0.7	20.0	1.25	100
TH6060EN-X/75-100MHz	75-100	0.7	19.0	1.25	100
TH6060EN-X/80-120MHz	80-120	1.0	18.0	1.30	50
TH6060EN-X/85-135MHz	85-135	1.1	18.0	1.30	50
TH6060EN-X/87-108MHz	87-108	0.6	20.0	1.25	150
TH6060EN-X/88-138MHz	88-138	1.0	18.0	1.30	50
TH6060EN-X/90-100MHz	90-100	0.5	20.0	1.20	150
TH6060EN-X/100-130MHz	100-130	0.6	20.0	1.25	150



Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range MHz	IL. dB (max)	Isolation dB (min)	VSWR (max)	POWER W
TH6060EN-X/100-140MHz	100-140	0.8	20.0	1.25	100
TH6060EN-X/100-150MHz	100-150	0.9	18.0	1.30	100
TH6060EN-X/108-118MHz	108-118	0.5	23.0	1.20	150
TH6060EN-X/108-137MHz	108-137	0.6	20.0	1.25	150
TH6060EN-X/116-138MHz	116-138	0.6	20.0	1.20	150
TH6060EN-X/118-137MHz	118-137	0.6	20.0	1.20	150
TH6060EN-X/118-161MHz	118-161	0.6	20.0	1.25	150
TH6060EN-X/130-180MHz	130-180	0.5	20.0	1.25	150
TH6060EN-X/130-190MHz	130-190	0.6	18.0	1.25	150
TH6060EN-X/135-155MHz	135-155	0.5	20.0	1.20	150
TH6060EN-X/135-195MHz	135-195	0.6	18.0	1.30	150
TH6060EN-X/136-174MHz	136-174	0.5	20.0	1.25	150
TH6060EN-X/140-150MHz	140-150	0.40	20.0	1.25	150
TH6060EN-X/146-174MHz	146-174	0.50	20.0	1.15	150
TH6060EN-X/150-170MHz	150-170	0.40	20.0	1.20	150
TH6060EN-X/150-200MHz	150-200	0.50	20.0	1.25	150
TH6060EN-X/150-225MHz	150-225	0.60	18.0	1.30	150
TH6060EN-X/153-157MHz	153-157	0.40	23.0	1.20	150
TH6060EN-X/157-159MHz	157-159	0.40	23.0	1.20	150
TH6060EN-X/160-170MHz	160-170	0.40	23.0	1.20	150
TH6060EN-X/165-175MHz	165-175	0.40	23.0	1.20	150
TH6060EN-X/166-172MHz	166-172	0.40	23.0	1.20	150
TH6060EN-X/170-200MHz	170-200	0.50	20.0	1.25	150
TH6060EN-X/170-230MHz	170-230	0.60	20.0	1.25	150
TH6060EN-X/175-215MHz	175-215	0.50	20.0	1.25	150
TH6060EN-X/180-230MHz	180-230	0.50	20.0	1.25	150
TH6060EN-X/180-240MHz	180-240	0.60	20.0	1.25	150
TH6060EN-X/200-270MHz	200-270	0.60	20.0	1.25	150



Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range MHz	IL. dB (max)	Isolation dB (min)	VSWR (max)	POWER W
TH6060EN-X/200-300MHz	200-300	0.60	19.0	1.25	150
TH6060EN-X/225-400MHz	225-400	0.80	18.0	1.30	100
TH6060EN-X/233-253MHz	233-253	0.40	23.0	1.20	150

#### Instructions:

- 1, The circulator connector can be selected SMA, N, male and female head can be used with the user;
- 2, The circulator only provides through power, indicating that the transmission to the antenna and the antenna to the receiving are through power;
- 3, Only some common frequencies in the table, can be produced according to the user's requirements;
- 4, If you do not find what you are looking for, please contact us!