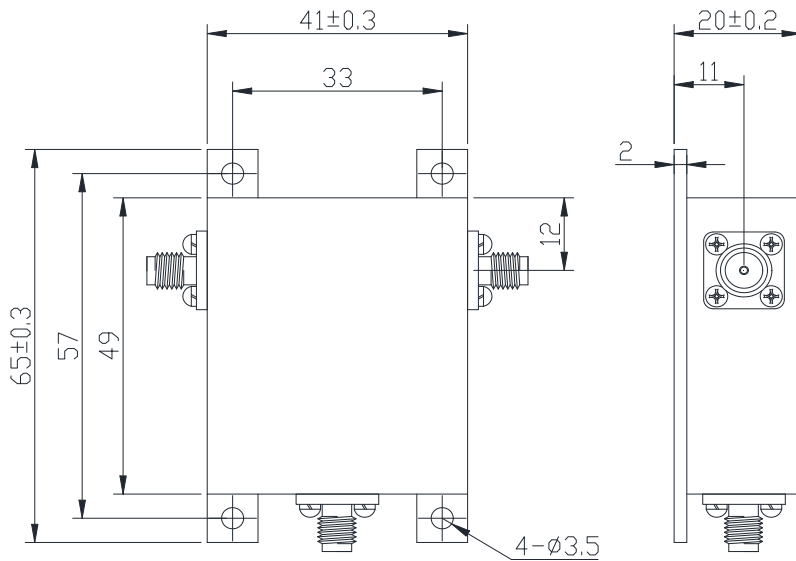


300 to 1000MHz Coaxial Circulator

TH4149AS SMA Type

Outline Drawing (mm): 



Features:

- ◇ Good temperature stability
- ◇ Withstand high power
- ◇ RoHS compliant
- ◇ Weight : \approx 360g

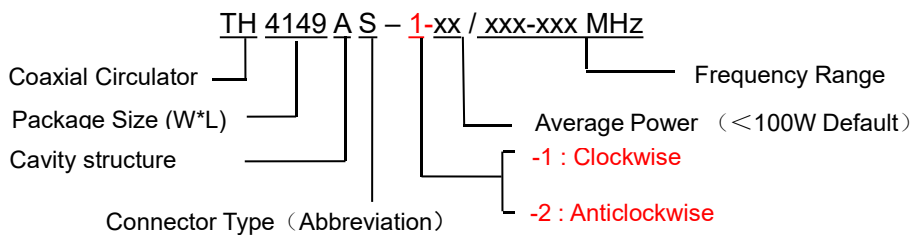
Material list:

- ◇ Outer shell: industrial pure iron nickel plating
- ◇ Cavity: aluminum conductive oxidation
- ◇ Inner conductor: silver plated brass
- ◇ Connector housing: gold plated brass

Application:

- ◇ Rf amplifier final stage, protect the amplifier
- ◇ Common transceiver antenna
- ◇ Small capacity microwave relay communication
- ◇ Tropospheric scatter 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	SMA-K
Size(mm)	41.0*49.0*20.0
Operating Temp	-10~+70 °C
Storage temperature	-50~+90 °C

Specifications :

Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range MHz	IL. dB (max)	Isolation dB (min)	VSWR (max)	POWER W	Notes
TH4149AS-X/300-450MHz	300-450	0.80	17.0	1.35	100	0~+60°C
TH4149AS-X/300-475MHz	300-475	0.80	18	1.35	100	+25±5°C
		1.00	16	1.40	100	0~+60°C
		1.20	14	1.60	100	-40~+85°C
TH4149AS-X/300-500MHz	300-500	0.90	17.0	1.35	100	0~+60°C
TH4149AS-X/330-460MHz	330-460	0.80	17.0	1.35	100	0~+60°C
TH4149AS-X/400-600MHz	400-600	0.60	20.0	1.25	100	+25±5°C
		0.70	18.0	1.30	100	-10~+60°C
TH4149AS-X/600-1000MHz	600-1000	1.00	16.0	1.40	100	-10~+60°C

Instructions :

- 1, The circulator connector can be selected SMA 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!