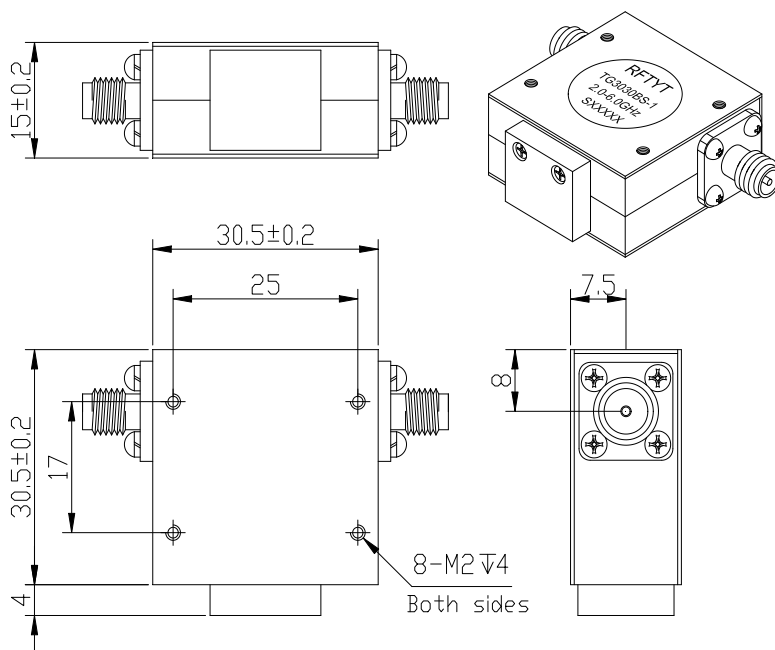


2.0 to 6.0GHz Coaxial Isolator

TG3030BS SMA Type

Outline Drawing (mm):



Features:

- ✧ Good temperature stability
- ✧ Withstand high power
- ✧ RoHS compliant
- ✧ Weight : ≈ 120 g

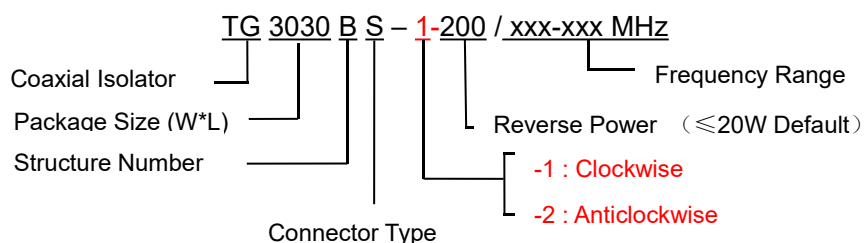
Material list:

- ✧ Cavity: aluminum conductive oxidation
- ✧ Outer shell: industrial pure iron nickel plating
- ✧ Guide body: Silver plated brass
- ✧ Load chamber: aluminum conductive oxidation

Application:

- ✧ Rf amplifier final stage, protect the amplifier
- ✧ High capacity relay satellite communication
- ✧ satellite communications
- ✧ International Maritime satellite Communications
- ✧ GSM/CDMA/TD-SCDMA/WCDMA
- ✧ EGSM/Wimax/TD-LTE/AMPS/SMR
- ✧ 5G and other communication systems

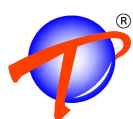
Order Examples:



Connector Type:

SMA Type Connector Options			N Type Connector Options		
Port 1	Port 2	Abbreviation	Port 1	Port 2	Abbreviation
SMA-F	SMA-F	S	N-F	N-F	N
SMA-F	SMA-M	SKJ	N-F	N-M	NKJ
SMA-M	SMA-F	SJK	N-M	N-F	NJK
SMA-M	SMA-M	SJ	N-M	N-M	NJ

Basic Specifications:



Impedance	50 Ω
Connector Type	SMA-F
Size(mm)	30.5*30.5*15.0
Operating temperature	-40~+70 $^{\circ}\text{C}$
Storage temperature	-50~+90 $^{\circ}\text{C}$

Specifications:

Model No. (X=1: →Clockwise) (X=2: ←Anticlockwise)	Freq. Range GHz	IL. dB (max)	Isolation dB (min)	VSWR	Forward Power CW	Reverse Power W	Notes
TG3030BS-X/2.0-6.0GHz	2.0-6.0	0.85	12.0	1.50	50	20	-10~+60 $^{\circ}\text{C}$
		1.70	12.0	1.60			-40~+70 $^{\circ}\text{C}$

Instructions:

- 1, the isolator connector can be selected SMA male and female head, can be used with the user;
- 2, reflection power 20W;
- 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!