

Waveguide Isolator 12.4 ~ 18.0GHz

Application

- ▶ RF power amplifier protection.
- ▶ Digital, Satellite, Mobile Communication.
- ▶ Medical, Communication, Security.
- ▶ Military, Space and Commercial applications.

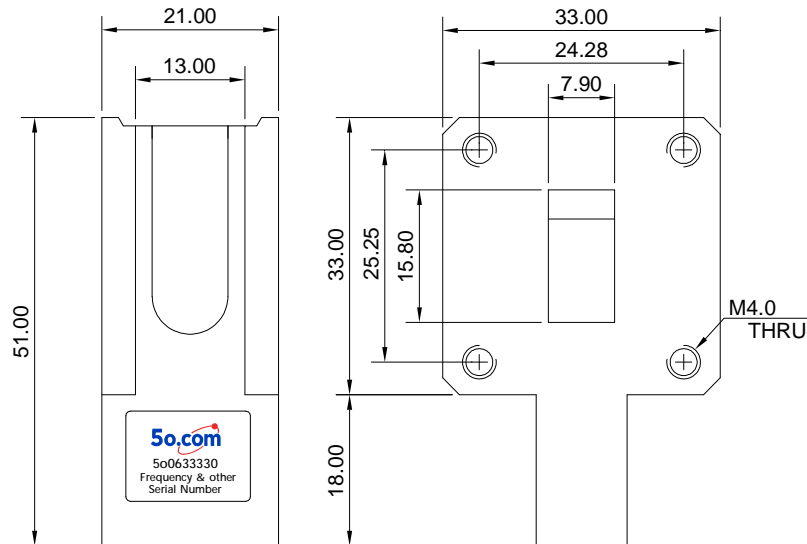
RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type	Temp.(°C)
5o06333301241375	12.4 ~ 13.75	20	1.2	0.35	WR62(BJ140)	-40 ~ +85
5o06333301375145	13.75 ~ 14.5	23	1.2	0.3	WR62(BJ140)	-40 ~ +85
5o0633330145155	14.5 ~ 15.5	23	1.2	0.3	WR62(BJ140)	-40 ~ +85
5o06333301518	15.0 ~ 18.0	20	1.2	0.35	WR62(BJ140)	-40 ~ +85
5o0633330155165	15.5 ~ 16.5	23	1.2	0.3	WR62(BJ140)	-40 ~ +85
5o0633330165175	16.5 ~ 17.5	23	1.2	0.3	WR62(BJ140)	-40 ~ +85

Basic Specifications

Dimension	33*33*21mm	Impedance	50Ω
Forward Power	100W	Operating Temperature	-40 ~ +85°C
Reverse Power	30W	Storage Temperature	-55~+125°C

Overall Dimension(mm)



Instructions

Tolerances: ±2% unless otherwise stated.

- ◆ The waveguide isolator shall be accurately mated with the matching waveguide flange.
- ◆ During installation, ensure the flange surface is clean and free of impurities (e.g., metal debris, dust). The flange connecting bolts shall be tightened evenly to prevent radio frequency (RF) leakage and excessive voltage standing wave ratio (VSWR) caused by poor sealing or uneven stress.
- ◆ Only some common frequencies in the table can be produced according to the user's requirements.
- ◆ It supports a one-year standard warranty.