

Waveguide Isolator 21.7 to 33.0GHz

Application

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

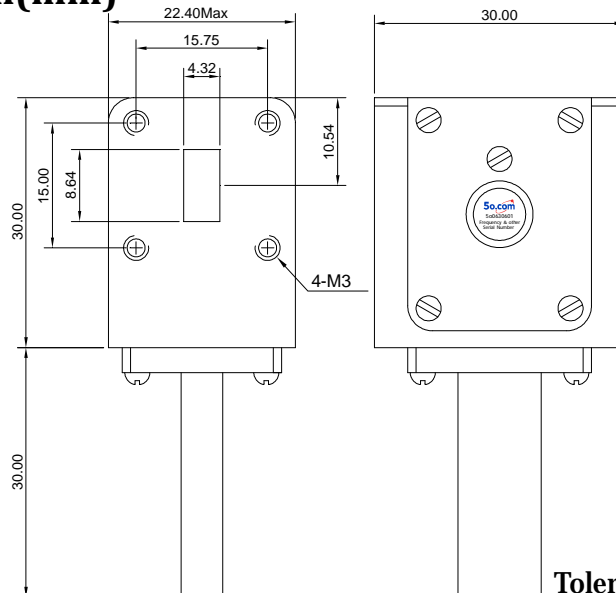
RF Characteristics

Part Number	Frequency Range (GHz)	Isolation Min(dB)	VSWR Max	Insertion Loss Max(dB)	Connector Type
5o06306012223	22.0 ~ 23.0	20	1.2	0.3	WR34(BJ260)
5o06306012426	24.0 ~ 26.0	20	1.2	0.3	WR34(BJ260)
5o06306012527	25.0 ~ 27.0	20	1.2	0.3	WR34(BJ260)
5o06306012729	27.0 ~ 29.0	20	1.2	0.3	WR34(BJ260)
5o06306012731	27.0 ~ 31.0	20	1.25	0.4	WR34(BJ260)
5o06306012931	29.0 ~ 31.0	20	1.2	0.3	WR34(BJ260)
5o06306013033	30.0 ~ 33.0	20	1.2	0.3	WR34(BJ260)

Basic Specifications

Dimension	30*60*22.4mm	Impedance	50Ω
Forward Power	60W	Operating Temperature	-40 ~ +70°C
Reverse Power	3W	Storage Temperature	-55~+125°C

Overall Dimension(mm)



Tolerances: ±2% unless otherwise stated.

Instructions

- ◆ 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.