

Technical proposal for JX-DC-27G32G-10dB Directional Coupler

- ◆ High Performance
- ◆ High Reliability

Revision History

Version	Date	Author	Revision description	Comment
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1. Mechanical layout

Table 1 Mechanical specifications

Dimension	LxWxH: 28mm x 15mm x 11mm (± 0.3 mm)
Connectors	2.92-Female
Finish	Grey Painting
Notes	Material shall be RoHS 6/6

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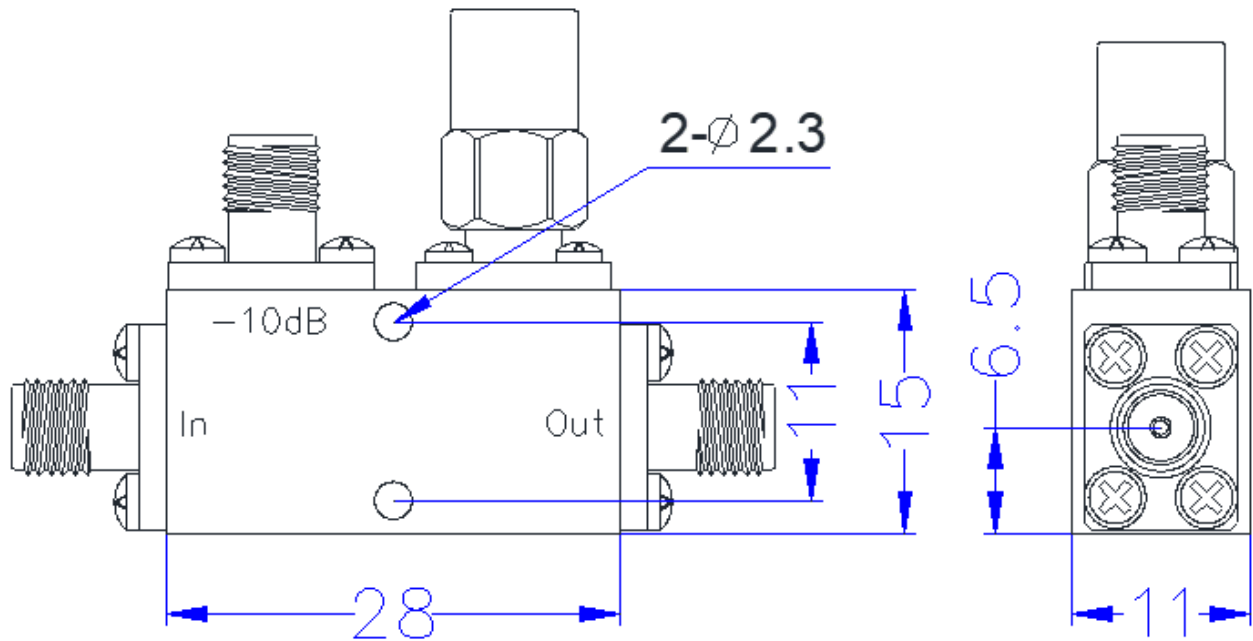


Figure 1 JX-DC-27G32G-10dB front panel layout

2. Electrical analysis

Table 2 Electrical specifications

Item	Parameter	Specification
1	Frequency range	27000-32000MHz
2	VSWR	≤1.6
3	Insertion loss	≤1.6 dB (Exclusive the 0.45dB Coupling Loss)
4	Nominal coupling	10±1.0dB
5	Coupling sensitivity	±1.0dB
6	Directivity	≥12dB
7	Forward power	20W
8	Impedance	50 Ω
9	Operational temperature	-40°C to +80°C
10	Storage temperature	-55°C to +85°C

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