

Technical proposal for JX-PD-300-960-04N Power Divider

Revision History

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JING XIN MICROWAVE TECHNOLOGY CO.,LTD

E-mail: sales@cdjx-mw.com Web: <http://www.cdjx-mw.com>

TEL: +86-28-85026087 FAX: +86-28-65941390 Zip Code:610045

Add: No.65,West 1st Wu Ke Road, Wu Hou District, Cheng Du City, Si Chuan Province, China.

1. Mechanical layout

Table 1 Mechanical Specifications

| | |
|------------|-----------------------------|
| Dimension | LxWxH: 147mm x 137mm x 22mm |
| Connectors | N-Female |
| Finish | Black |
| Weight | 0.895kg |
| Notes | Material shall be RoHS 6/6 |

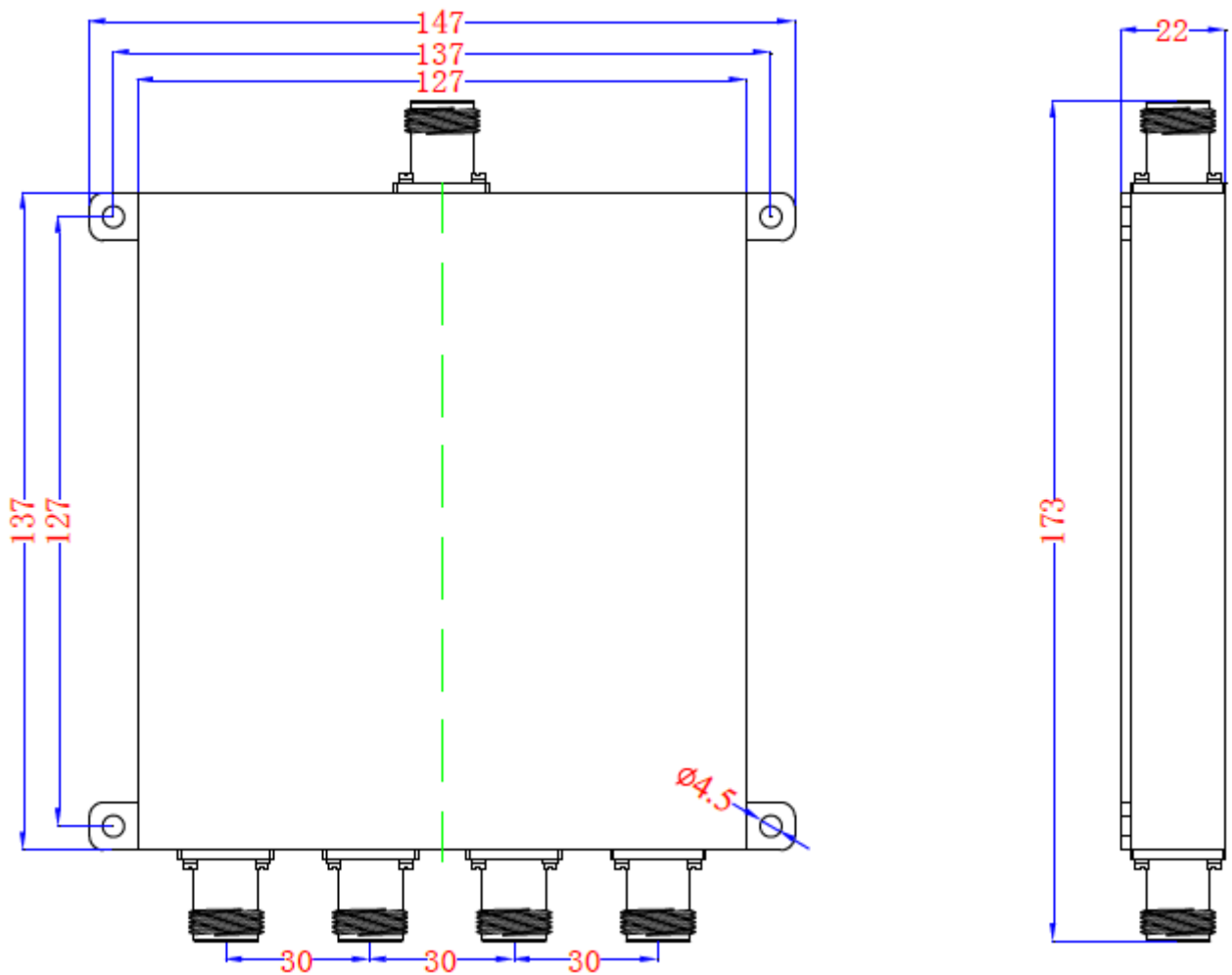


Figure 1 JX-PD-300-960-04N front panel layout

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2. Electrical specifications

Table 2 Electrical specifications

| Item | Parameter | Spec |
|------|-----------------------|-----------------|
| 1 | Frequency range | 300-960MHz |
| 2 | VSWR | ≤ 1.25 |
| 3 | Split Loss | ≤ 6 dB |
| 4 | Insertion Loss | ≤ 0.4 dB |
| 5 | Isolation | ≥ 20 dB |
| 6 | PIM | -130dBc@2*43dBm |
| 7 | Forward Power | 100W |
| 8 | Reverse Power | 8W |
| 9 | Impedance all ports | 50Ohm |
| 10 | Operating Temperature | -25°C~+75°C |
| 11 | IP Protection | IP65 |

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