

Directional Coupler

Product Specifications

DC-716 / 78 / 158-SMA-UV

Part Number: 200863.01 / 200871.01 / 200878.01
(7-16 male, SMA dual probes, UHF/VHF - 2kW)
(7/8" EIA, SMA dual probes, UHF/VHF - 2kW)
(1 5/8 EIA, SMA single probe, UHF / VHF - 3kW)



Main Features

- 2-Slot
- Low IL and VSWR
- Temperature Stabilization
- Interchangeable Connector System

Electrical Specifications

| | |
|------------------------|-------------------|
| Frequency range | 100-806MHz |
| Insertion Loss | ≤ 0.10 dB |
| Coupling Range (Pr/pf) | -40 to -60dB |
| Coupling Flatness | ± 0.4 dB |
| Directivity | ≥ 30 dB |
| Return loss / VSWR | ≤ 32 dB/1.05 |
| Max Power Output | 2K W |
| Impedance | 50 Ω |

Environmental Specifications

| | |
|----------------------------------|-----------------|
| Operating Temperature Range | -10°C to +55°C |
| Max Operating Temperature (Body) | 65°C |
| Relative humidity | 5% - 95% |
| Barometric pressure | 55 KPa - 106KPa |

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300 Knightsbridge Parkway | Suite 150 | Lincolnshire | IL | 60069

Phone: +1 (847) 415 2258 Fax: +1 (847) 415 2112

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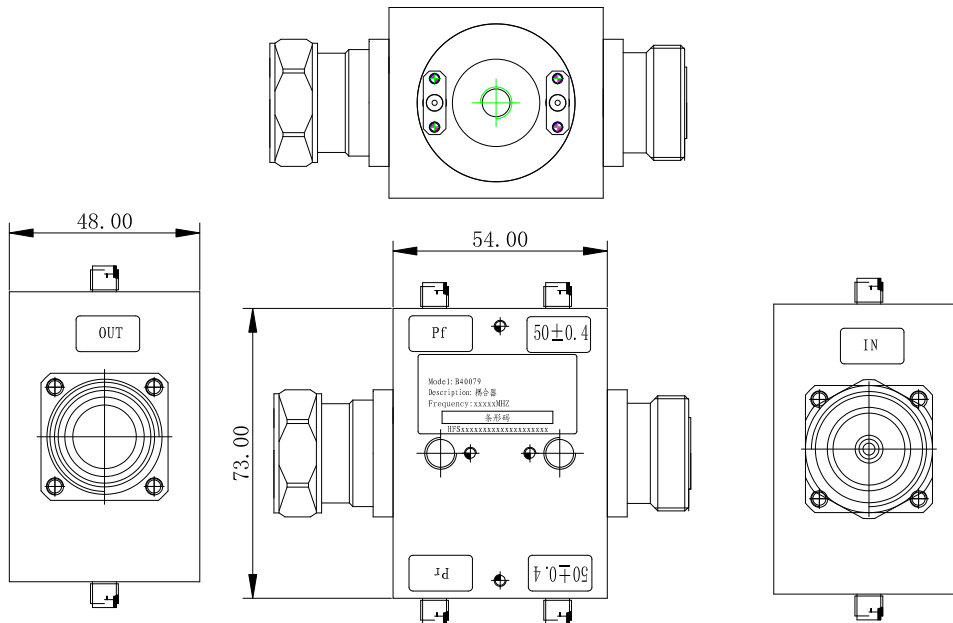
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Mechanical Specifications

| | | |
|-----------------------------|-----------------|-----------|
| Connectors (Input / Output) | 7-16 male | 200863.01 |
| | 7/8" EIA | 200871.01 |
| | 1 5/8" EIA | 200878.01 |
| Output Monitor Probe | SMA female | |
| Weight | 0.8kg | |
| Outer Dimension(mm) | 73 * 54 * 48mm | |
| Mounting | Wall | |
| Packing | 1 Piece per box | |



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