

Directional Coupler

Model D06N060400 Rev.A

6-40GHz 6dB Directional Coupler, Coaxial connector



All specifications are subject to change without notice at any time

Specifications

| | | | | |
|-----------------------------|--|--------------------|-----------------------------------|----------------|
| Frequency Range | GHz | 6-18 | 18-26.5 | 26.5-40 |
| Main Line VSWR | :1 (Max.) | 1.5 | 1.6 | 1.7 |
| Coupling VSWR | :1 (Max.) | 1.5 | 1.6 | 1.7 |
| Insertion Loss ¹ | dB(Max.) | 2.1 | 2.3 | 2.6 |
| Coupling | dB(Max.) | 6±0.8 | 6±0.8 | 6±0.8 |
| Flatness | dB(Max.) | ±0.9 | ±0.9 | ±0.9 |
| Directivity | dB(Min.) | 14 | 12 | 10 |
| Power ² | W(Max.) | CW: 20; Peak: 3000 | | |
| Weight | g(Max.) | 45 | Dimension ³ mm (LxWxH) | 31.8x12.7x17.8 |
| Interface | Main line: 2.92mm [F], Coup.: 2.92mm [F]; Stainless steel connector, Per IEC 61169 | | | |
| Finishing | Nickel plating, Per QQ-N-290 | | | |
| Temperature | Operating: -55~+85°C; Storage: -55~+100°C | | | |
| Environmental | Optional: Per MIL-STD-202F (contact supplier for detail info.) | | | |
| Eng. Customized | N/A | | | |

Note:

1. Theoretical 1.25dB Included
2. VSWR ≤1.2 required for CW
3. Unless otherwise specified, Decimal tolerance: x.±1; .x±0.5; .xx±0.1

Outline Drawing

