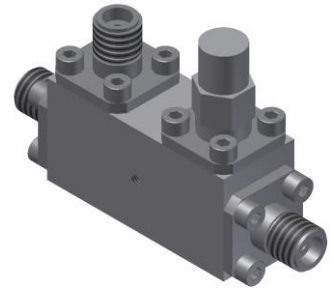


Directional Coupler

Model D30N060265 Rev.C

6-26.5GHz 30dB Directional Coupler, Coaxial connector



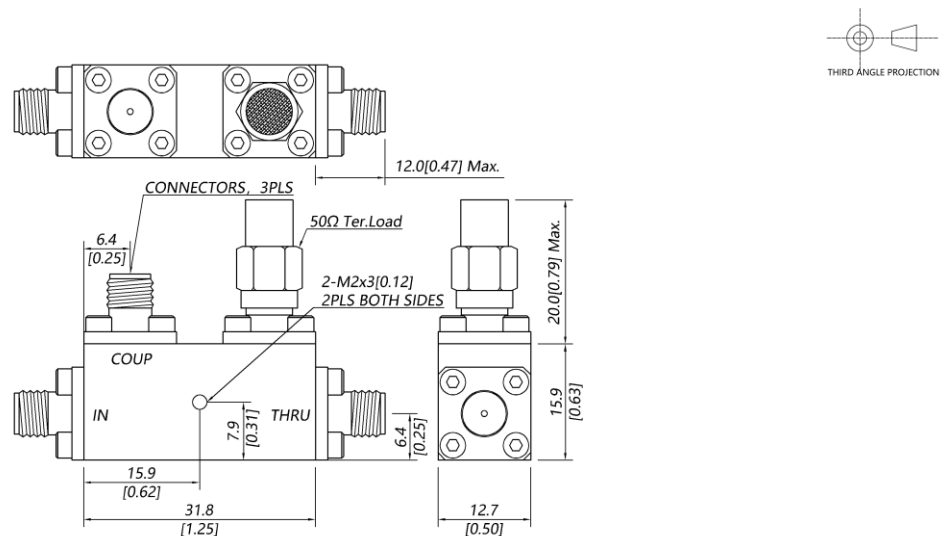
Specifications

All specifications are subject to change without notice at any time

| | | | |
|-----------------------------|---|--------------------|--|
| Frequency Range | GHz | 6-18 | 18-26.5 |
| Main Line VSWR | :1 (Max.) | 1.4 | 1.5 |
| Coupling VSWR | :1 (Max.) | 1.4 | 1.5 |
| Insertion Loss ¹ | dB(Max.) | 0.6 | 0.8 |
| Coupling | dB(Max.) | 30±0.7 | 30±0.7 |
| Flatness | dB(Max.) | ±0.5 | ±0.5 |
| Directivity | dB(Min.) | 15 | 13 |
| Power ² | W(Max.) | CW: 30; Peak: 3000 | |
| Weight | g(Max.) | 40 | Dimension ³ mm (LxWxH) 31.8x12.7x15.9 |
| Interface | Stainless steel connector; Input: SMA [F], Thru.: SMA [F], Coup.: SMA [F] | | |
| Finishing | Nickel plating | | |
| Temperature | Operating: -55~+85°C; Storage: -55~+100°C | | |
| Environmental | Per MIL-STD-202F, Method 107D, 204D, 213B (optional, contact supplier for detail info.) | | |
| Eng. Customized | N/A | | |

- Note:
1. Theoretical coupling loss included
 2. VSWR ≤ 1.2 required for CW
 3. Unless otherwise specified, Decimal tolerance: x±1; .x±0.5; .xx±0.1

Outline Drawing



Directional Coupler

Model D30N060265 Rev.C

6-26.5GHz 30dB Directional Coupler, Coaxial connector

Typical Graph

Typical test temperature @25°C

