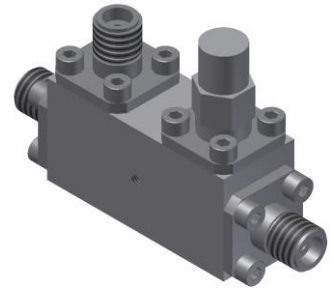


Directional Coupler

Model D20N180500 Rev.A

18-50GHz 20dB Directional Coupler, Coaxial connector



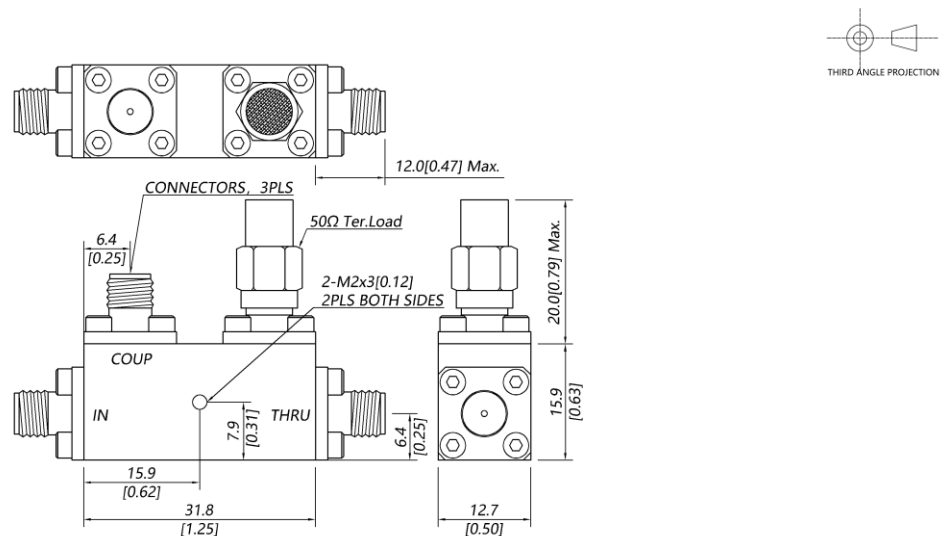
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	18-40	40-50
Main Line VSWR	:1 (Max.)	1.7	1.8
Coupling VSWR	:1 (Max.)	1.7	1.8
Insertion Loss ¹	dB(Max.)	1.2	1.5
Coupling	dB(Max.)	20±0.8	20±0.8
Flatness	dB(Max.)	±0.7	±0.7
Directivity	dB(Min.)	10	8
Power ²	W(Max.)	CW: 20; Peak: 1000	
Weight	g(Max.)	40	Dimension ³ mm (LxWxH) 31.8x12.7x15.9
Interface	Stainless steel connector; Input: 2.4mm [F], Thru.: 2.4mm [F], Coup.: 2.4mm [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



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Typical Graph

Typical test temperature @25°C

