Directional Coupler

Model **D20N003400 Rev.A**

0.3-40GHz 20dB Directional Coupler, Coaxial connector

Specifications

All specifications are subject to change without notice at any time

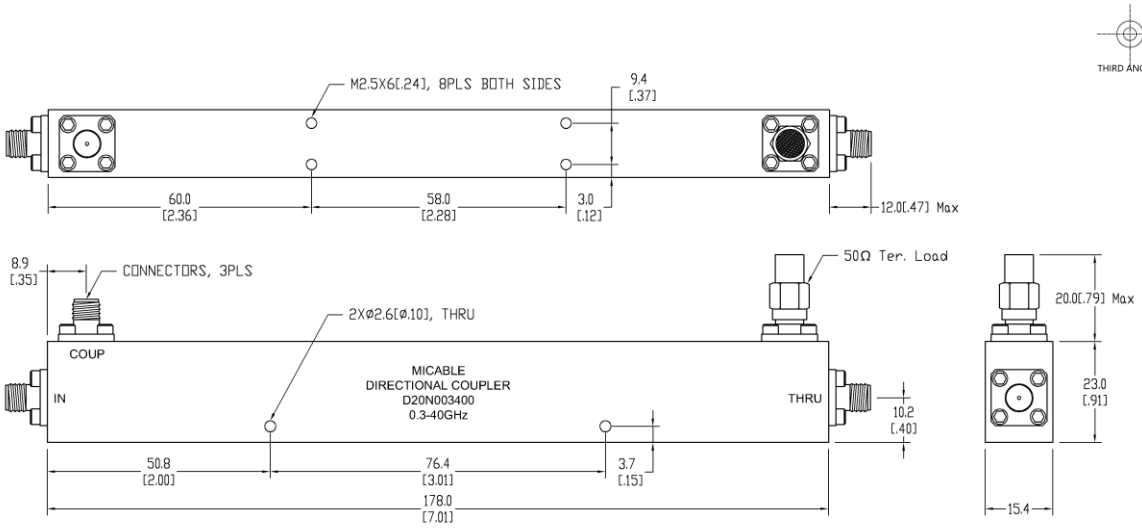
Frequency Range	GHz	0.3-18	18-26.5	26.5-40
Main Line VSWR	:1 (Max.)	1.5	1.6	1.7
Coupling VSWR	:1 (Max.)	1.5	1.6	1.7
Insertion Loss[1]	dB(Max.)	2.3	2.9	3.9
Coupling	dB(Max.)	20±1.2	20±1.2	20±1.2
Flatness	dB(Max.)	±1.6	±1.6	±1.6
Directivity	dB(Min.)	13	11	10

Power[2]	W(Max.)	CW: 20; Peak: 3000			
Weight	g(Max.)	190	Dimension[3]	mm (LxWxH)	178.0x15.4x23.0
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 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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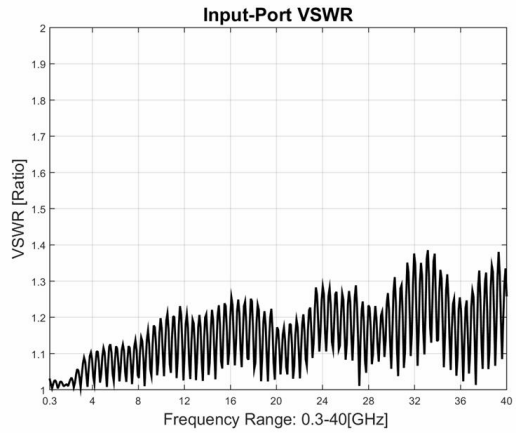
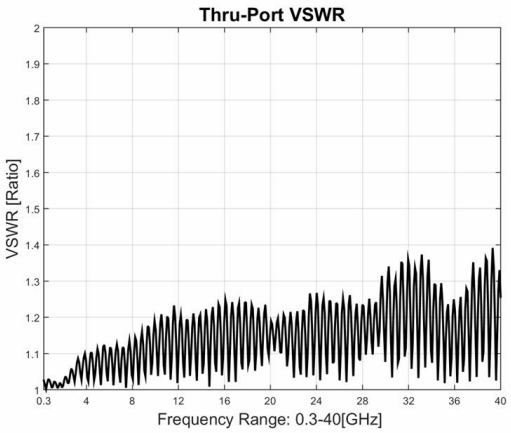
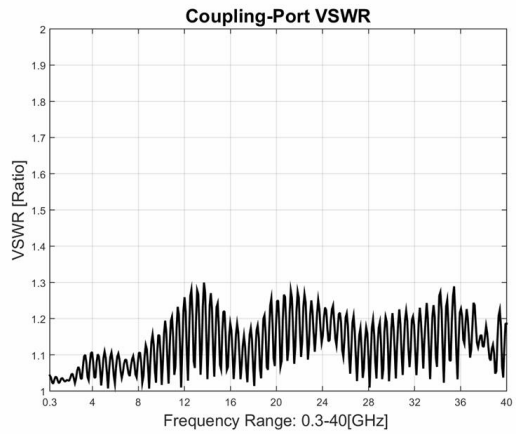
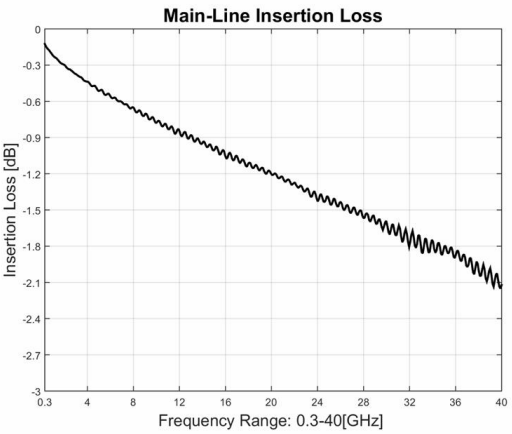
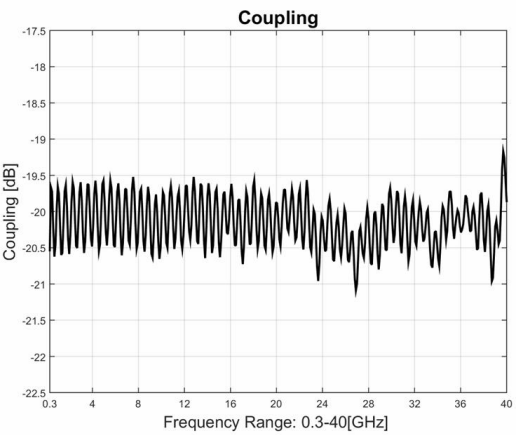
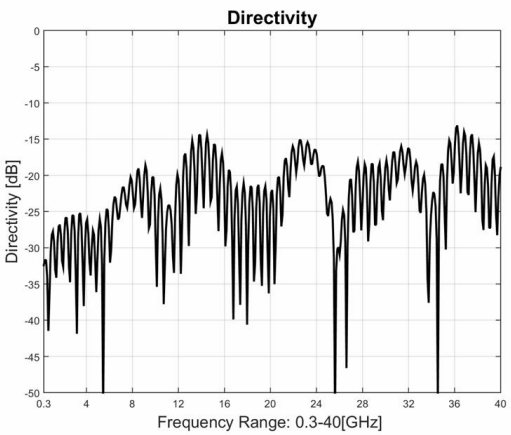
Typical Graph

Typical test environment: 25℃ and 60%RH