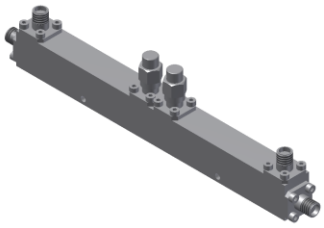
Dual-Directional Coupler

Model **D10B010265 Rev.A**

1-26.5GHz 10dB Dual-Directional Coupler, Coaxial connector



Specifications

All specifications are subject to change without notice at any time

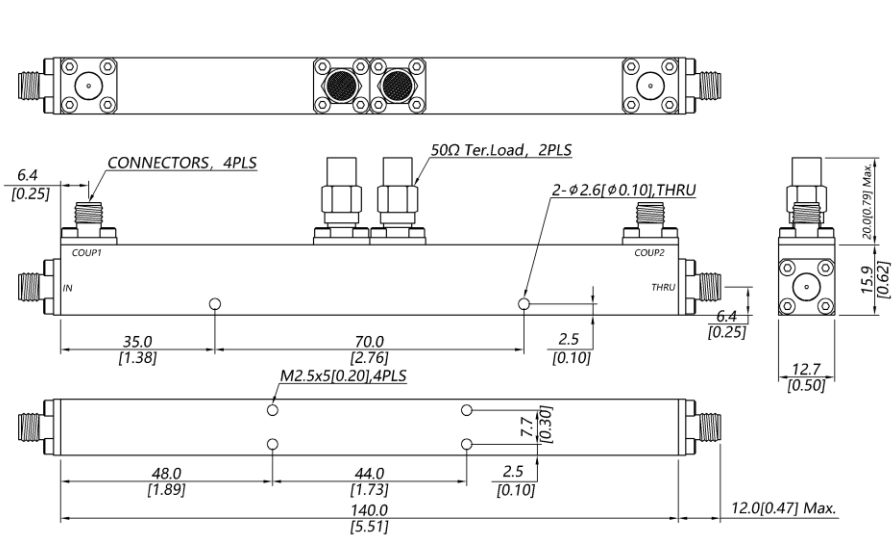
Frequency Range	GHz	1-8	8-18	18-26.5
Main Line VSWR	:1 (Max.)	1.4	1.5	1.6
Coupling VSWR	:1 (Max.)	1.4	1.5	1.6
Insertion Loss[1]	dB(Max.)	2.1	2.7	3.1
Coupling	dB(Max.)	10±0.8	10±0.8	10±0.8
Flatness	dB(Max.)	±1	±1	±1
Directivity	dB(Min.)	17	15	14

Power[2]	W(Max.)	CW: 30; Peak: 3000			
Weight	g(Max.)	110	Dimension[3]	mm (LxWxH)	140x12.7x15.9
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 0.92dB 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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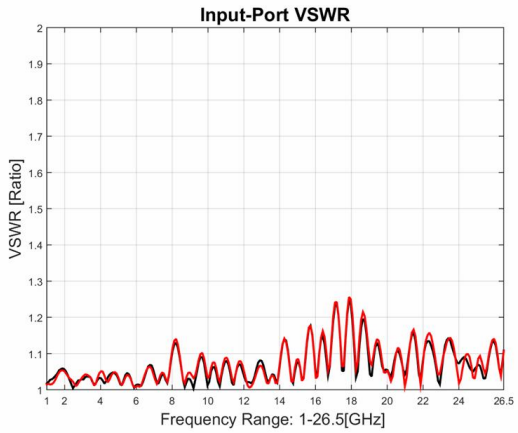
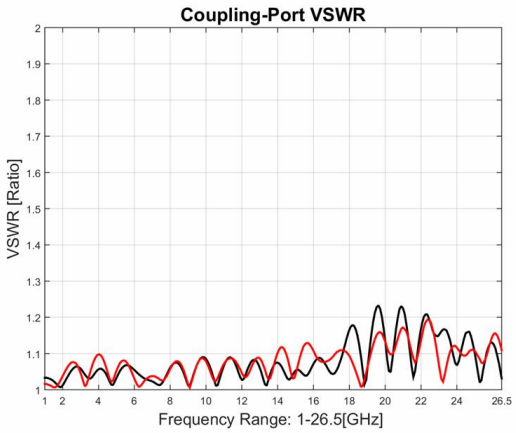
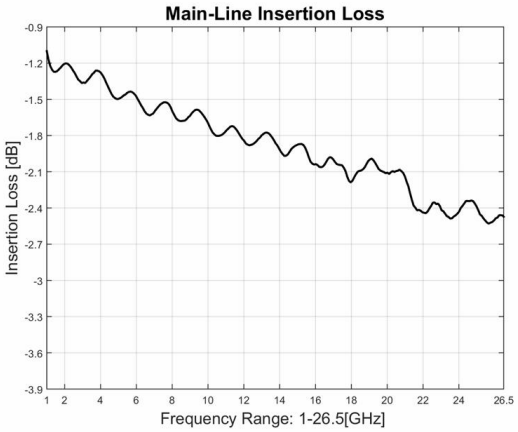
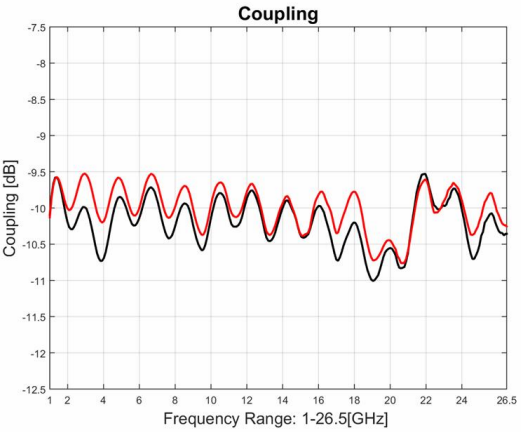
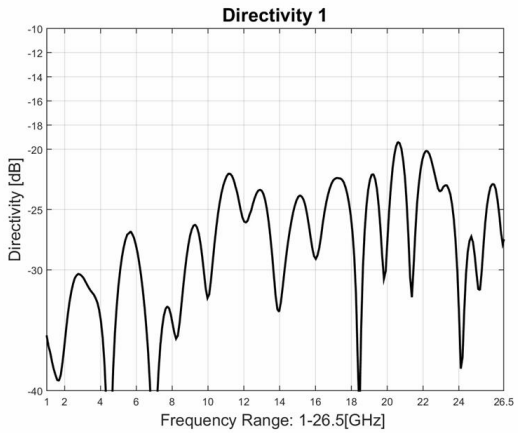
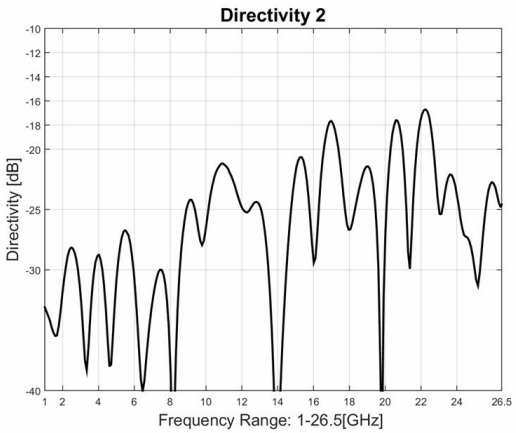
Typical Graph

Typical test temperature @25℃