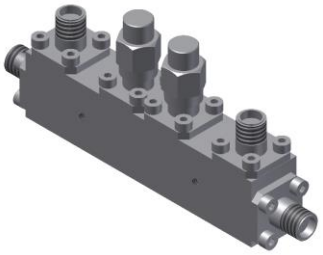
Dual-Directional Coupler

Model **D30B265500 Rev.A**

26.5-50GHz 30dB Dual-Directional Coupler, Coaxial connector



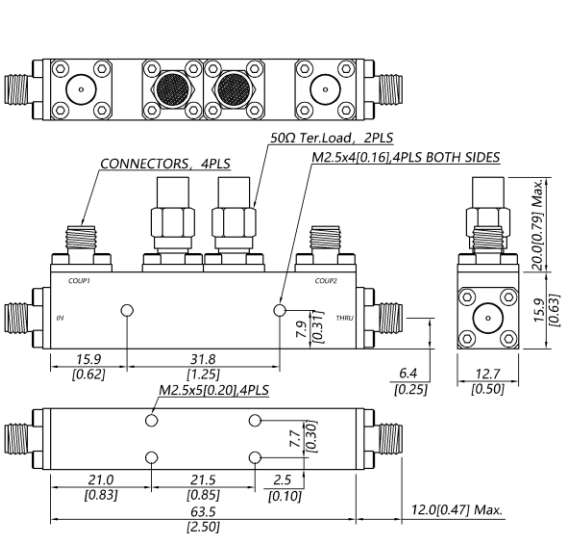
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	26.5-40	40-50
Main Line VSWR	:1 (Max.)	1.7	1.8
Coupling VSWR	:1 (Max.)	1.7	1.8
Insertion Loss[1]	dB(Max.)	2	2.3
Coupling	dB(Max.)	30±0.8	30±0.8
Flatness	dB(Max.)	±0.8	±0.8
Directivity	dB(Min.)	10	8

Power[2]	W(Max.)	CW: 20; Peak: 1000			
Weight	g(Max.)	70	Dimension[3]	mm (LxWxH)	63.5x12.7x15.9
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