

Bi-Directional Coupler

Model **DC13-670BS** Rev.A

0.01-67GHz 13dB Bi-Directional Coupler, Coaxial connector



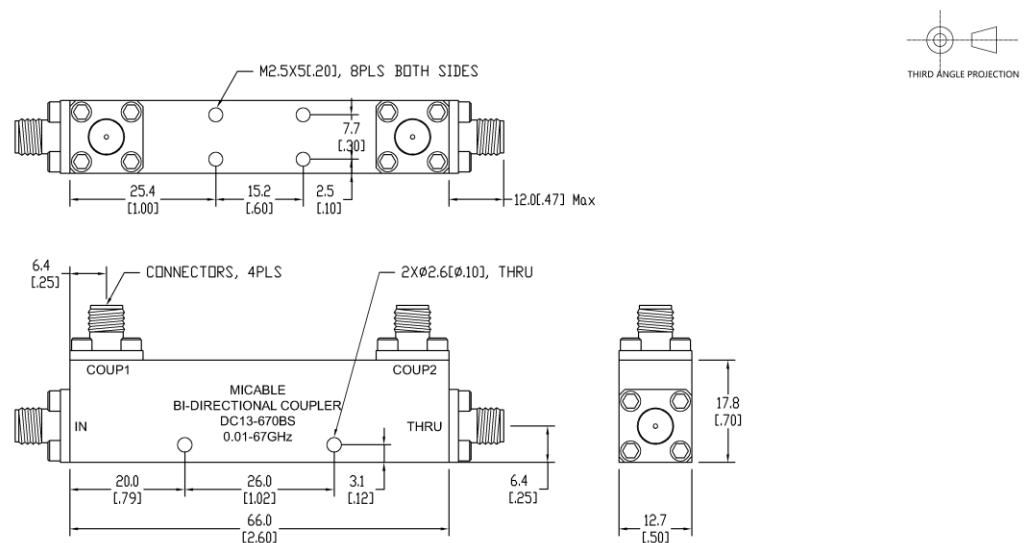
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	0.01-1	1-20	20-50	50-67
Main Line VSWR	:1 (Max.)	1.2	1.35	1.45	1.5
Coupling VSWR ¹	:1 (Max.)	1.2	1.4	1.5	1.6
Insertion Loss	dB(Max.)	0.6	1.3	2.3	2.8
Forward Coupling	dB(Max.)	56	13±2.5	13±2.5	13±2.5
Directivity	dB(Min.)	16	16	13	10
EMI	dB(Typ.)	100	100	100	100
Power ²	W(Max.)	CW: 12; Peak: 1000			
Weight	g(Max.)	60	Dimension ³	mm	66.0x12.7x17.8
Interface	Main line: 1.85mm [F], Coup.: 1.85mm [F]; Stainless steel connector, Per IEC 61169				
Finishing	Nickel plating				
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. Power loss at coupled port excluded
 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°C and 60%RH

