

High Power Dual-Directional Coupler

Model D5008HB010180 Rev.A

1-18GHz 50dB 400Watt Dual-Directional Coupler, Coaxial connector



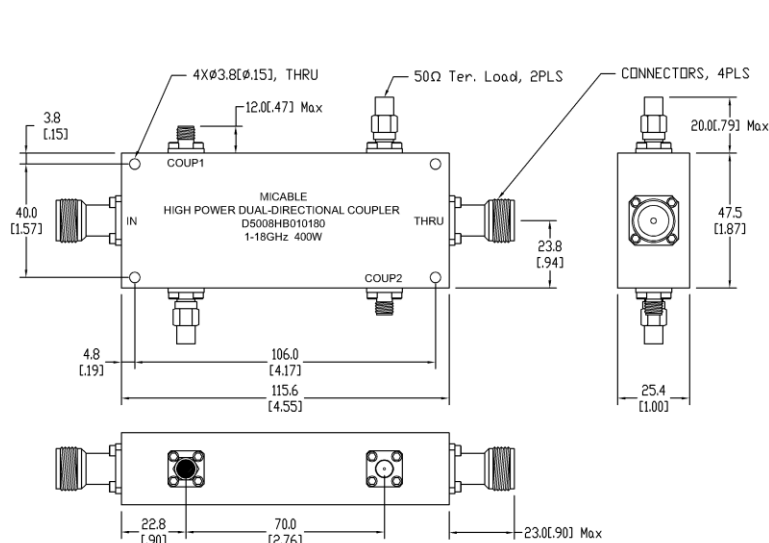
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	1-8	8-18
Main Line VSWR	:1 (Max.)	1.4	1.5
Coupling VSWR	:1 (Max.)	1.5	1.6
Insertion Loss ¹	dB(Max.)	0.4	0.6
Coupling	dB(Max.)	50±2	50±2
Flatness	dB(Max.)	±1.8	±1.8
Directivity	dB(Min.)	12	10
Power ²	W(Max.)	CW: 400; Peak: 3000	
Weight	g(Max.)	440	Dimension ³ mm (LxWxH) 115.6x25.4x47.5
Interface	Main line: TYPE N [F], Coup.: SMA [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°C and 60%RH

