

High Power Directional Coupler

Model D3002H010080 Rev.A

1-8GHz 30dB 120Watt Directional Coupler, Coaxial connector



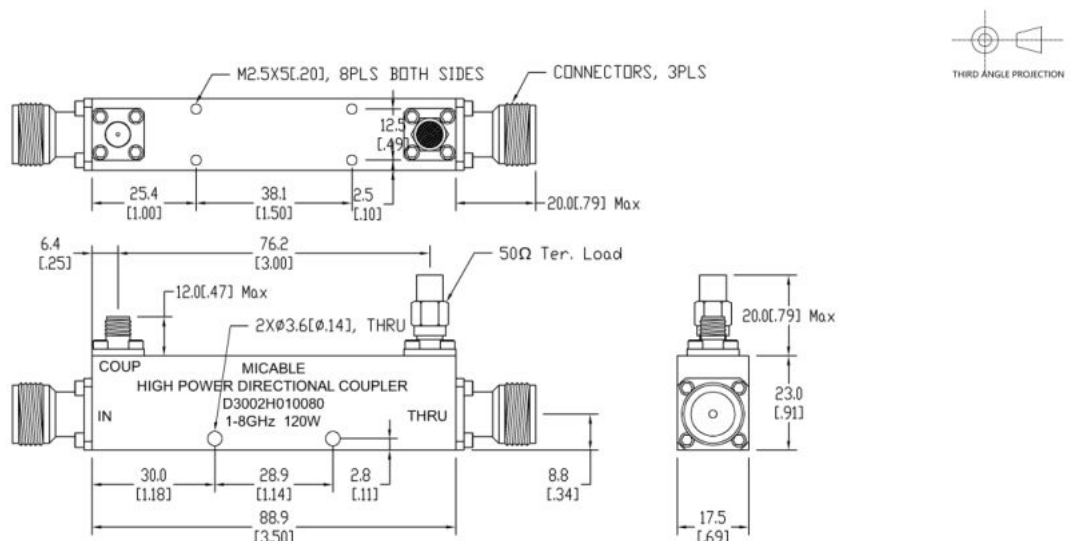
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	1-8
Main Line VSWR	:1 (Max.)	1.3
Coupling VSWR	:1 (Max.)	1.3
Insertion Loss ¹	dB(Max.)	0.6
Coupling	dB(Max.)	30±0.8
Flatness	dB(Max.)	±0.5
Directivity	dB(Min.)	18
Power ²	W(Max.)	CW: 120; Peak: 3000
Weight	g(Max.)	145
Dimension ³	mm (LxWxH)	88.9x17.5x23.0
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:
- Theoretical coupling loss included
 - VSWR ≤ 1.2 required for CW
 - 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

