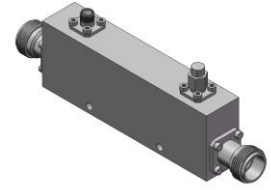


# High Power Directional Coupler

## Model D4005H010180 Rev.A

1-18GHz 40dB 250Watt Directional Coupler



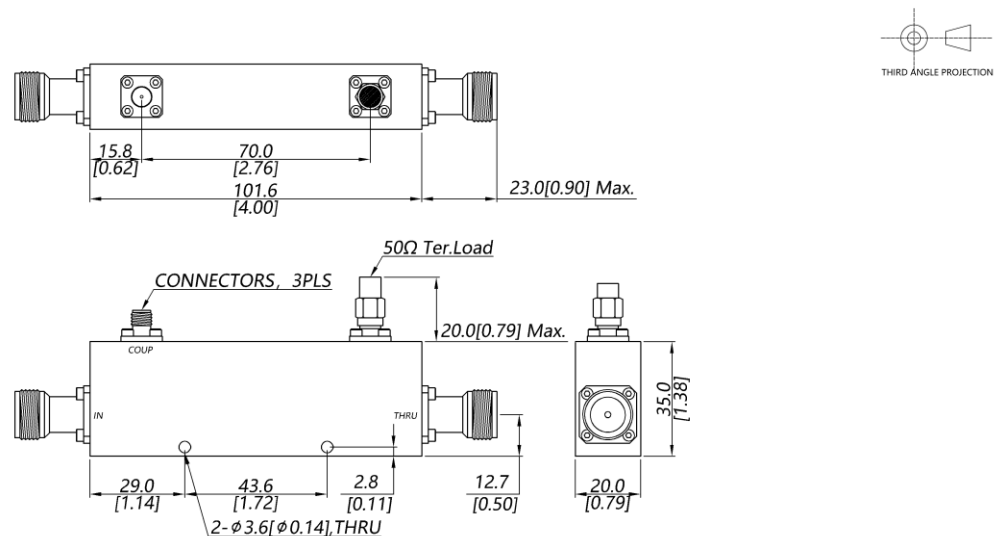
### Specifications

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 <sup>1</sup>	dB(Max.)	0.4	0.6
Coupling	dB(Max.)	40±1.2	40±1.2
Flatness	dB(Max.)	±1	±1
Directivity	dB(Min.)	12	10
Power <sup>2</sup>	W(Max.)	CW: 250; Peak: 3000	
Weight	g(Max.)	240	Dimension <sup>3</sup> mm (LxWxH) 101.6x20.0x35.0
Interface	Stainless steel connector; Input: TYPE N [F], Thru.: TYPE N [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 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 temperature @25°C

