Directional Coupler

Model **D16N010670 Rev.A**

1-67GHz 16dB Directional Coupler, Coaxial connector

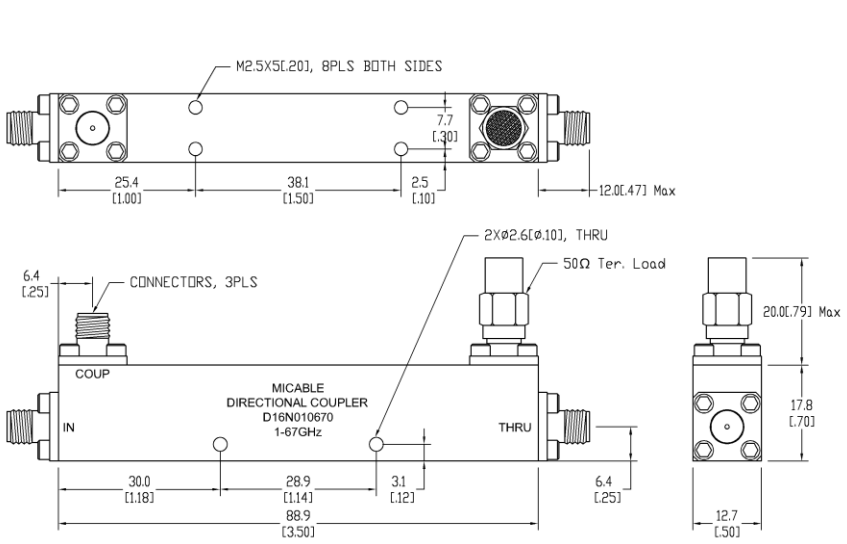
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	1-18	18-40	40-50	50-67
Main Line VSWR	:1 (Max.)	1.6	1.7	1.8	1.9
Coupling VSWR	:1 (Max.)	1.6	1.7	1.8	1.9
Insertion Loss[1]	dB(Max.)	1.6	2.5	2.9	3.6
Coupling	dB(Max.)	16±1.5	16±1.5	16±1.5	16±1.5
Flatness	dB(Max.)	±1.5	±1.5	±1.5	±1.5
Directivity	dB(Min.)	14	10	8	7

Power[2]	W(Max.)	CW: 12; Peak: 1000			
Weight	g(Max.)	75	Dimension[3]	mm (LxWxH)	88.9x12.7x17.8
Interface	Main line: 1.85mm [F], Coup.: 1.85mm [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 0.11dB Included
2. VSWR ≤1.2 required for CW
3. Unless otherwise specified, Decimal tolerance: x.±1; .x±0.5; .xx±0.1

Outline Drawing