

4-Port 90° Hybrid Coupler

Model QN020124 Rev.A

2-12.4GHz 4-Port 3dB 90° Hybrid, Coaxial connector



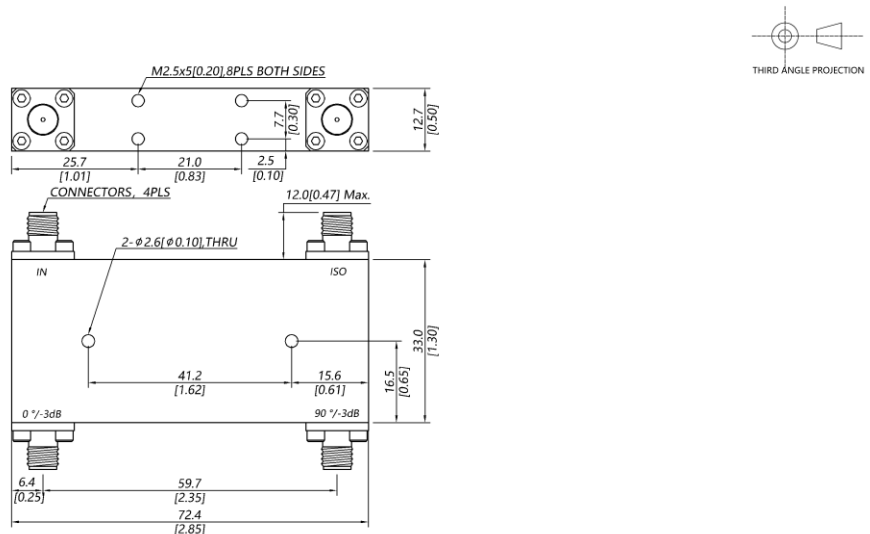
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	2-8	8-12.4
Nom. Phase	Deg. (Typ.)	90	90
Ports VSWR	:1 (Max.)	1.4	1.4
Insertion Loss ¹	dB(Max.)	1	1.1
Amp. Unbalance	dB(Max.)	±0.6	±0.6
Phase Unbalance	Deg. (Max.)	±5	±5
Isolation	dB(Min.)	18	18
Power ²	W(Max.)	CW: 30; Peak: 3000	
Weight	g(Max.)	100	Dimension ³ mm (LxWxH) 33.0x72.4x12.7
Interface	Stainless steel connector; Input: SMA [F], Output: 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:
- Above Theoretical Loss 3dB
 - VSWR ≤ 1.2 required for CW
 - Unless otherwise specified, Decimal tolerance: x.±1; .x±0.5; .xx±0.1

Outline Drawing



4-Port 90° Hybrid Coupler

Model QN020124 Rev.A

2-12.4GHz 4-Port 3dB 90° Hybrid, Coaxial connector

Typical Graph

Typical test temperature @25°C

