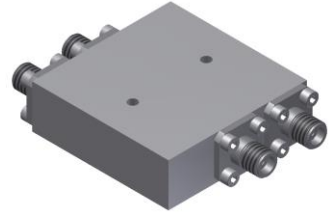


4-Port 180° Hybrid Coupler

Model HN180400 Rev.B

18-40GHz 4-Port 3dB 180° Hybrid, Coaxial connector



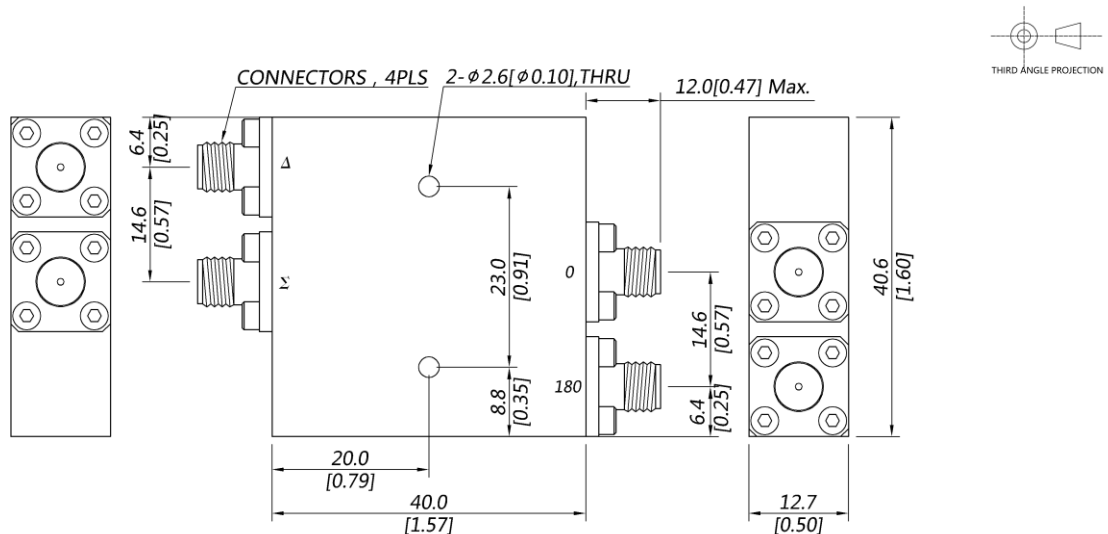
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	18-26.5	26.5-40
Nom. Phase	Deg. (Typ.)	180	180
Ports VSWR	:1 (Max.)	1.7	1.8
Insertion Loss ¹	dB(Max.)	2.3	2.9
Amp. Unbalance	dB(Max.)	±1.2	±1.2
Phase Unbalance	Deg. (Max.)	±12	±12
Isolation	dB(Min.)	15	15
Power ²	W(Max.)	CW: 20; Peak: 3000	
Weight	g(Max.)	75	Dimension ³ mm (LxWxH) 40.0x40.6x12.7
Interface	Stainless steel connector; Input: 2.92mm [F], Output: 2.92mm [F]		
Finishing	Polyurethane paint		
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



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Typical Graph

Typical test temperature @25°C

