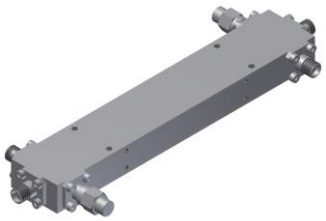
Dual-Directional Coupler

Model **D30B005265 Rev.A**

0.5-26.5GHz 30dB Dual-Directional Coupler, Coaxial connector



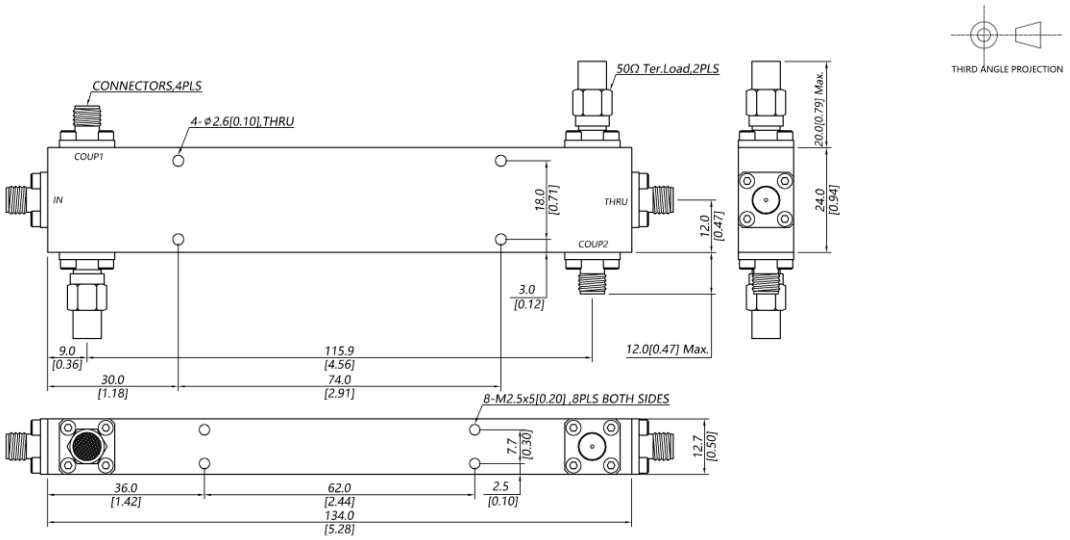
Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	0.5-8	8-18	18-26.5
Main Line VSWR	:1 (Max.)	1.4	1.5	1.6
Coupling VSWR	:1 (Max.)	1.4	1.5	1.6
Insertion Loss[1]	dB(Max.)	1	1.4	1.7
Coupling	dB(Max.)	30±0.9	30±0.9	30±0.9
Flatness	dB(Max.)	±1	±1	±1
Directivity	dB(Min.)	16	14	12

Power[2]	W(Max.)	CW: 30; Peak: 3000			
Weight	g(Max.)	145	Dimension[3]	mm (LxWxH)	134x12.7x24.0
Interface	Stainless steel connector; Input: SMA [F], Thru.: SMA [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