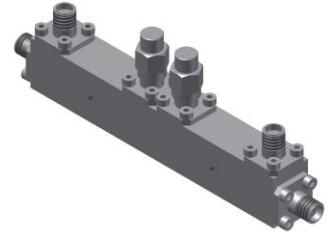


# Dual-Directional Coupler

## Model D20B020500 Rev.A

2-50GHz 20dB Dual-Directional Coupler, Coaxial connector



### Specifications

All specifications are subject to change without notice at any time

Frequency Range	GHz	2-18	18-40	40-50
Main Line VSWR	:1 (Max.)	1.6	1.7	1.8
Coupling VSWR	:1 (Max.)	1.6	1.7	1.8
Insertion Loss <sup>1</sup>	dB(Max.)	1.7	2.5	2.8
Coupling	dB(Max.)	20±1.2	20±1.2	20±1.2
Flatness	dB(Max.)	±1.3	±1.3	±1.3
Directivity	dB(Min.)	14	10	8
Power <sup>2</sup>	W(Max.)	CW: 20; Peak: 1000		
Weight	g(Max.)	85	Dimension <sup>3</sup> mm (LxWxH)	90.0x12.7x15.9
Interface	Stainless steel connector; Input: 2.4mm [F], Thru.: 2.4mm [F], Coup.: 2.4mm [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

