

# High Power Dual-Directional Coupler

## Model D30HB004080 Rev.A

0.4-8GHz 30dB Dual-Directional Coupler ; Coaxial connector;



All specifications are subject to change without notice at any time

Electrical & Mechanical Specifications

Frequency Range	GHz	0.4-8
Main Line VSWR	:1 (Max.)	1.4
Coupling VSWR	:1 (Max.)	1.4
Insertion Loss <sup>1</sup>	dB(Max.)	0.7
Coupling	dB(Max.)	30±0.9
Flatness	dB(Max.)	±1.5
Directivity	dB(Min.)	14
Power <sup>2</sup>	W(Max.)	CW: 600; Peak: 3000
Weight	g(Max.)	TBD
Dimension <sup>3</sup>	mm(Max.)	195.5L×47.5W×25.4H
Interface	Stainless steel connector; Input: TYPE N[F], Thru.: TYPE N[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.)	
Customized	N/A	

Note: 1. Theoretical coupling loss included 2. Power rating is for load VSWR better than 1.20:1  
3. Unless otherwise specified, Decimal tolerance: 1 place±0.5 2 place±0.1

Outline Drawing

