

1. Feature

- ▶ High Performance
- ▶ High Reliability
- ▶ RoHS Compliant

Directional Coupler

Part No: CDC00500M08000A10

Date: Feb.21th.2019

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-8000MHz	
Nominal Coupling	10±1dB	
Coupling Sensitivity	≤±0.7dB(Exclusive 0.45dB Coupled Loss)	
Insertion Loss	≤0.7dB	
VSWR	≤1.20	
Directivity	≥18dB	
Forward Power	50W	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	113.0x15.0x11.0mm	
Connector Type	SMA- Female	
Surface Finish	Grey Painting	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-55 to +85 °C	



5. Outline Drawing ($\pm 0.3\text{mm}$)

