



## 1. Feature

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

Directional Coupler

Part No: CDC00500M06000A10

Date: Aug.21<sup>th</sup>.2017

Revision No: Preliminary

## 2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	500-6000MHz	
Nominal Coupling	10±1dB	
Coupling Sensitivity	≤±0.7dB	
Insertion loss	≤0.7dB (Exclusive 0.45dB Coupled Loss)	
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 ( $\pm 0.3\text{mm}$ )



CONCEPT

