



1. Feature

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

Directional Coupler

Part No: CDC27000M32000A10

Date: May.8th.2019

Revision No: Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	27000-32000MHz	
Nominal Coupling	10±1.0dB	
Coupling Sensitivity	±1.0dB	
Insertion Loss	≤1.0dB (Exclusive the 0.45dB Coupling Loss)	
VSWR	≤1.50	
Directivity	≥12dB	
Forward Power	20W	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	28.0x15.0x11.0mm	
Connector Type	2.92-female	
Surface Finish	Grey Painting	
Body Material	Aluminium	

4. Temperature Specifications

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

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Storage Temperature	-55 to +85 °C	
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5. Outline Drawing ($\pm 0.3\text{mm}$)

