



1. Feature

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

Power Divider/Combiner

Part No: CPD18000M30000A03

Date: Feb.28th.2024

Revision No:Preliminary

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	18000-30000MHz	
Insertion loss	≤1.8dB	
VSWR	≤1.60 (Input) ≤1.50 (Output)	
Amplitude Balance	≤±0.6dB	
Phase Balance	≤±6degree	
Isolation	≥16dB	
Average Power	20W (as a Divider) 1W (as a Combiner)	
Impedance	50Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	51.0x38.0x10.0mm	
Connector Type	2.92-female	
Surface Finish	Grey Painting	

4. Temperature Specifications

Parameter	Specifications	Remark
Operational Temperature	-40 to +80 °C	
Storage Temperature	-45 to +85 °C	

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5. Outline Drawing ($\pm 0.5\text{mm}$)



CONCEPT

