

1. Feature

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

Directional Coupler

Part Number: MMC-DC177212-6

2. Electrical Specifications

Parameter	Specification	Remark
Frequency Range	17700-21200MHz	
Nominal Coupling	6 ± 1dB	
Coupling Sensitivity	≤ ±0.7dB	
Insertion Loss	≤ 1.2dB (Exclusive the 1.3dB Coupled Loss)	
VSWR	≤ 1.50	
Directivity	≥ 15dB	
Forward Power	10W	
Impedance	50 Ω	

3. Mechanical Specifications

Parameter	Specifications	Remark
Dimensions	28.0x15.0x11.0mm	
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	

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Outline Drawing (±0.3mm)

