Surface Mount Directional Coupler

ADC-26-52+

50Ω  10 to 500 MHz

Maximum Ratings
Operating Temperature: -40°C to 85°C
Storage Temperature: -55°C to 100°C
Permanent damage may occur if any of these limits are exceeded.

Pin Connections
 INPUT  1
 OUTPUT  6
 COUPLED  3
 GROUND  2
 50Ω TERM EXTERNAL  4
 ISOLATE (DO NOT USE)  5

Features
• wideband, 10-500 MHz
• low insertion loss, 0.2 dB typ.
• high directivity, 21 dB typ.
• aqueous washable
• protected by U.S Patents 6,133,525 & 6,140,887

Applications
• VHF/UHF
• reflective power measurements
• communications
• signal sampling

Directional Coupler Electrical Specifications

FREQ. RANGE (MHz) COUPLING (dB) MAINLINE LOSS (dB) DIRECTIVITY (dB) VSWR POWER INPUT (W)
10-500  26.0±0.5  ±0.3  0.2  ±0.3  ±0.5  35  22  15  16  11  1.1  2.0  5

Notes
A. Performance and quality attributes and conditions not expressly stated in this specification document are intended to be excluded and do not form a part of this specification document.
B. Electrical specifications and performance data contained in this specification document are based on Mini-Circuit’s applicable established test performance criteria and measurement instructions.
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