**Surface Mount Directional Coupler**

**ADC-10-1R**

50Ω  5 to 900 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**
- **OUTPUT**
- **COUPLED**
- **GROUND**
- **ISOLATE (DO NOT USE)**

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### Typical Performance Data

#### Directional Coupler Electrical Specifications

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<th>Frequency (MHz)</th>
<th>Mainline Loss (dB) In-Out</th>
<th>Coupling (dB) In-Cpl</th>
<th>Directivity (dB)</th>
<th>VSWR (1:1)</th>
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L= 5-50 MHz  M= 50-450 MHz  U= 450-900 MHz

1. Mainline loss includes theoretical power loss at coupled port.

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