



C-10-CPUSE-N

10 dB, Directional Coupler, 698–2700 MHz

General Specifications

| | |
|-------------|----------|
| Brand | Andrew® |
| Device Type | Coupler |
| Interface | N Female |
| Color | Black |

Electrical Specifications

| | |
|----------------------------------|--------------------------------|
| Operating Frequency Band | 698 – 2700 MHz |
| 3rd Order IMD | -140 dBc (relative to carrier) |
| 3rd Order IMD Test Method | Two +43 dBm carriers |
| Average Power, maximum | 200 W |
| Coupling | 10.0 dB |
| Coupling Tolerance | ±1.0 dB |
| Impedance | 50 ohm |
| Insertion Loss at Frequency Band | 0.7 dB @ 698–2700 MHz |
| Isolation at Frequency Band | 30 dB @ 698–2700 MHz |
| Peak Power, maximum | 1 kW |
| Reflected Power, maximum | 100 W |
| Return Loss, minimum | 20.8 dB |
| VSWR | 1.2:1 |

Mechanical Specifications

| | |
|-----------------------|----------|
| Inner Contact Plating | Silver |
| Outer Contact Plating | Trimetal |

Environmental Specifications

| | |
|--------------------------------|--------------------------------------|
| Application | Indoor/Outdoor |
| Ingress Protection Test Method | IEC 60529:2001, IP65 |
| Operating Temperature | -25 °C to +85 °C (-13 °F to +185 °F) |
| Relative Humidity | Up to 100% |

Dimensions

| | |
|------------|---------------------|
| Height | 23.00 mm 0.91 in |
| Length | 141.00 mm 5.55 in |
| Net Weight | 300.00 g 0.66 lb |
| Width | 65.00 mm 2.56 in |

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Packed Dimensions

| | | | |
|-----------------|-------------|--|---------|
| Height | 40.0 mm | | 1.6 in |
| Length | 180.0 mm | | 7.1 in |
| Shipping Weight | 350.00 g | | 0.77 lb |
| Volume | 648.0000 cc | | |
| Width | 90.0 mm | | 3.5 in |

Regulatory Compliance/Certifications

| | |
|-----------------|--|
| Agency | Classification |
| RoHS 2011/65/EU | Compliant by Exemption |
| ISO 9001:2008 | Designed, manufactured and/or distributed under this quality management system |

