Product Specifications





C-10-CPUSE-N-Ai6

10 dB, Air Directional Coupler, 555-2700 MHz

General Specifications

Brand Andrew®
Device Type Coupler
Interface N Female
Color Silver

Electrical Specifications

Operating Frequency Band 555 – 2700 MHz

3rd Order IMD -160 dBc

3rd Order IMD Test Method Two +43 dBm carriers

Average Power, maximum 200 W Coupling 10.0 dB

Impedance 50 ohm

Insertion Loss at Frequency Band 0.7 dB @ 575-2700 MHz Isolation at Frequency Band 30 dB @ 555-2700 MHz

Peak Power, maximum 1 kW
Reflected Power, maximum 100 W
Return Loss, minimum 20.8 dB
VSWR 1.2:1

Mechanical Specifications

Coupling Nut Proof Torque 4.50 N-m | 3.32 ft lb

Inner Contact Plating Silver
Outer Contact Plating Trimetal

Environmental Specifications

Application Indoor/Outdoor
Ingress Protection Test Method IEC 60529:2001, IP65

Operating Temperature -35 °C to +85 °C (-31 °F to +185 °F)

Relative Humidity Up to 100%

Dimensions

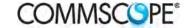
 Height
 22.00 mm | 0.87 in

 Length
 155.00 mm | 6.10 in

 Width
 75.00 mm | 2.95 in

 Net Weight
 380.00 g | 0.84 lb

Product Specifications



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Packed Dimensions

 Height
 40.0 mm | 1.6 in

 Length
 180.0 mm | 7.1 in

 Width
 90.0 mm | 3.5 in

 Shipping Weight
 420.00 g | 0.93 lb

Volume 648.0 cc

Regulatory Compliance/Certifications

Agency Classification

ISO 9001:2008 Designed, manufactured and/or distributed under this quality management system