

POWERED BY



C-20-TCPUSE-N

20 dB, Directional Coupler, 380–2700 MHz

General Specifications

Brand	Andrew®
Device Type	Coupler
Interface	N Female
Color	Black

Electrical Specifications

Operating Frequency Band	380 – 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	20.0 dB
Coupling Tolerance	±1.0 dB
Impedance	50 ohm
Insertion Loss at Frequency Band	0.3 dB @ 380–2700 MHz
Isolation at Frequency Band	20 dB @ 380–2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	200 W
Return Loss, minimum	19.0 dB
VSWR	1.25:1

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	180.00 mm 7.09 in
Net Weight	400.00 g 0.88 lb
Width	65.00 mm 2.56 in

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Packed Dimensions

Height	40.0 mm		1.6 in
Length	195.0 mm		7.7 in
Shipping Weight	440.00 g		0.97 lb
Volume	686.4000 cc		
Width	88.0 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

