



H-3-TCPUSE-N

Hybrid Coupler, 380–2700 MHz

General Specifications

Brand	Andrew®
Device Type	Hybrid
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	120 W
Coupling	3.1 dB
Coupling Tolerance	±0.8 dB
Impedance	50 ohm
Insertion Loss at Frequency Band	0.3 dB @ 380–2700 MHz
Isolation at Frequency Band	23 dB @ 380–2700 MHz
Peak Power, maximum	1 kW
Reflected Power, maximum	120 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	25.00 mm 0.98 in
Length	200.00 mm 7.87 in
Width	89.00 mm 3.50 in
Net Weight	780.00 g 1.72 lb

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Packed Dimensions

Height	40.0 mm		1.6 in
Length	230.0 mm		9.1 in
Width	100.0 mm		3.9 in
Shipping Weight	850.00 g		1.87 lb
Volume	920.0 cc		

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

Classification

Compliant by Exemption

