Product Classification

Regional Availability
Asia | Australia/New Zealand | EMEA | Latin America | North America

Product Type
Tapper

General Specifications

Device Type
Tapper

Application
Indoor/Outdoor

Color
White

Inner Contact Plating
Silver

Interface
N Female

Outer Contact Plating
Trimetal

Dimensions

Height
25 mm | 0.984 in

Width
43 mm | 1.693 in

Length
141 mm | 5.551 in

Electrical Specifications

3rd Order IMD
-163 dBc

3rd Order IMD Test Method
Two +43 dBm carriers

Insertion Loss at Frequency Band
0.7 dB @ 1695–2700 MHz | 0.7 dB @ 340–960 MHz | 0.75 dB @ 3500–4500 MHz | 0.75 dB @ 4900–6000 MHz

Return Loss at Frequency Band
19.1 dB @ 3500–4500 MHz | 19.1 dB @ 4900–6000 MHz | 20.8 dB @ 1695–2700 MHz | 20.8 dB @ 340–960 MHz

Average Power, maximum
200 W

Coupling
10 dB

Coupling Tolerance
+0.1/-1.1 dB @ 4900–6000 MHz | +0/-0.8 dB @ 380–520 MHz | +0/-1.3 dB @ 340–380 MHz | +0/-1.5 dB @ 3500–4500 MHz | ±0.45 dB @ 698–960 MHz | ±0.7 dB @ 1695–2700 MHz
Impedance 50 ohm

Operating Frequency Band 1695 – 2700 MHz | 340 – 960 MHz | 3500 – 4500 MHz | 4900 – 6000 MHz

Peak Power, maximum 3 kW

Reflected Power, maximum 200 W

Mechanical Specifications

Coupling Nut Proof Torque 4.5 N-m | 39.828 in lb

Environmental Specifications

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

Relative Humidity Up to 100%

Corrosion Test Method IEC 60068-2-11, 30 days


Packaging and Weights

Height, packed 40 mm | 1.575 in

Width, packed 90 mm | 3.543 in

Length, packed 180 mm | 7.087 in

Weight, gross 300 g | 0.661 lb

Weight, net 250 g | 0.551 lb

Regulatory Compliance/Certifications

Agency Classification

CHINA-ROHS Below maximum concentration value

ISO 9001:2015 Designed, manufactured and/or distributed under this quality management system

REACH-SVHC Compliant as per SVHC revision on www.commscope.com/ProductCompliance

ROHS Compliant

UK-ROHS Compliant