15 dB, Tapper, 340 – 6000 MHz

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
4.3-10 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
-165 dBc

3rd Order IMD Test Method
Two +43 dBm carriers

Insertion Loss at Frequency Band
0.35 dB @ 1695-2700 MHz | 0.35 dB @ 340-960 MHz | 0.4 dB @ 3500-4500 MHz | 0.4 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 @ 340–380 MHz

Average Power, maximum
300 W

Coupling
15 dB

Coupling Tolerance
+0.8/-0.8dB @ 3500-4500 MHz | ±0.6dB @ 1695-2700 MHz | ±0.7dB @ 698-960 MHz | ±0.8dB @ 380-520 MHz | ±0.8dB @ 4900-6000 MHz | ±1.0dB @ 340-380 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**: 7 N·m | 61.955 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
- **Ingress Protection Test Method**: IEC 60529:2001, IP67

### 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/Exempted