CT-15-TUW-NI6

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
- 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
- 0.35 dB @ 1695-2700 MHz | 0.4 dB @ 3500-4500 MHz
- 0.35 dB @ 340-960 MHz | 0.4 dB @ 4900-6000 MHz

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

Average Power, maximum
- 200 W

Coupling
- 15 dB

Coupling Tolerance
- +0.3/-1.3 dB @ 3500-4500 MHz | ±0.6 dB @ 1695-2700 MHz | ±0.7 dB @ 698-960 MHz
- ±0.8 dB @ 380-520 MHz | ±0.8 dB @ 4900-6000 MHz | ±1.0 dB @ 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
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

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
CHINA-ROHS
ISO 9001:2015
REACH-SVHC
ROHS
UK-ROHS
Classification
Below maximum concentration value
Designed, manufactured and/or distributed under this quality management system
Compliant as per SVHC revision on www.commscope.com/ProductCompliance
Compliant
Compliant/Exempted