

10 dB, Tapper, 340–960/1710–2700 MHz



OBSOLETE

This product was discontinued on: September 30, 2021

Replaced By:

CT-10-TUW-43-I6 10 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 | Silver |
| Inner Contact Plating | Silver |
| Interface | 7-16 DIN Female |
| Outer Contact Plating | Trimetal |

Dimensions

| | |
|--------|---------------------|
| Height | 28.9 mm 1.138 in |
| Width | 49.3 mm 1.941 in |
| Length | 153.6 mm 6.047 in |

Electrical Specifications

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|---------------------------|----------------------|
| 3rd Order IMD | -160 dBc |
| 3rd Order IMD Test Method | Two +43 dBm carriers |

CT-10-TCPUSE-DI6

| | |
|---|--|
| Insertion Loss at Frequency Band | 0.7 dB @ 1710–2700 MHz 0.7 dB @ 340–698 MHz 0.7 dB @ 698–960 MHz |
| Return Loss, minimum | 20.8 dB |
| Average Power, maximum | 300 W |
| Coupling | 10 dB |
| Coupling Tolerance | ±1.0dB @ 1710–2700 MHz ±1.0dB @ 698–960 MHz ±1.3dB @ 340–698 MHz |
| Impedance | 50 ohm |
| Operating Frequency Band | 1710 – 2700 MHz 340 – 960 MHz |
| Peak Power, maximum | 3 kW |
| Reflected Power, maximum | 200 W |
| VSWR | 1.2 |

Mechanical Specifications

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|----------------------------------|------------------------|
| Coupling Nut Proof Torque | 25 N-m 221.269 in lb |
|----------------------------------|------------------------|

Environmental Specifications

| | |
|---------------------------------------|--------------------------------------|
| Operating Temperature | -35 °C to +85 °C (-31 °F to +185 °F) |
| Relative Humidity | Up to 100% |
| Ingress Protection Test Method | IEC 60529:2001, IP65 |

Packaging and Weights

| | |
|-----------------------|---|
| Height, packed | 50 mm 1.969 in |
| Width, packed | 95 mm 3.74 in |
| Length, packed | 180 mm 7.087 in |
| Volume | 855000 mm ³ 52.176 in ³ |
| Weight, gross | 0.42 kg 0.926 lb |
| Weight, net | 0.35 kg 0.772 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 |