

195PMC-CR

MCX Male for CNT-195 braided cable

Product Classification

| | |
|---------------------|-------------------------|
| Brand | CNT® |
| Product Type | Braided cable connector |

General Specifications

| | |
|-------------------|----------|
| Interface | MCX Male |
| Body Style | Straight |

Electrical Specifications

| | |
|---|-------------------|
| Operating Frequency Band | 0 – 6000 MHz |
| Average Power at Frequency | 150.0 W @ 900 MHz |
| Cable Impedance | 50 ohm |
| Connector Impedance | 50 ohm |
| RF Operating Voltage, maximum (vrms) | 353.00 V |
| dc Test Voltage | 750 V |
| Outer Contact Resistance, maximum | 2.50 mOhm |
| Inner Contact Resistance, maximum | 5.00 mOhm |
| Insulation Resistance, minimum | 1000 MOhm |
| Peak Power, maximum | 2.50 kW |
| Insertion Loss, typical | 0.05 dB |

Mechanical Specifications

| | |
|--|-----------------------|
| Outer Contact Attachment Method | Crimp |
| Inner Contact Attachment Method | Solder |
| Interface Durability | 500 cycles |
| Connector Retention Tensile Force | 134 N 30 lbf |
| Connector Retention Torque | 0.17 N-m 0.13 ft lb |
| Pressurizable | No |

Dimensions

| | |
|---------------------|--------------------|
| Nominal Size | 0.195 in |
| Diameter | 26.80 mm 1.06 in |
| Length | 15.90 mm 0.63 in |
| Weight | 7.00 g 0.02 lb |
| Width | 15.90 mm 0.63 in |

Environmental Specifications

| | |
|---|---------------------------------------|
| Operating Temperature | -40 °C to +85 °C (-40 °F to +185 °F) |
| Storage Temperature | -65 °C to +125 °C (-85 °F to +257 °F) |
| Water Jetting Test Mating | Mated |
| Water Jetting Test Method | IEC 60529:2001, IP65 |
| Mechanical Shock Test Method | IEC 60068-2-27 |
| Climatic Sequence Test Method | IEC 60068-1 |
| Damp Heat Steady State Test Method | IEC 60068-2-3 |
| Thermal Shock Test Method | IEC 60068-2-14 |
| Vibration Test Method | IEC 60068-2-6 |
| Corrosion Test Method | IEC 60068-2-11 |

Standard Conditions

| | |
|---|-----------------|
| Attenuation, Ambient Temperature | 20 °C 68 °F |
| Average Power, Ambient Temperature | 40 °C 104 °F |
| Average Power, Inner Conductor Temperature | 100 °C 212 °F |

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU
ISO 9001:2015
China RoHS SJ/T 11364-2014

Classification

Compliant by Exemption
Designed, manufactured and/or distributed under this quality management system
Above Maximum Concentration Value (MCV)



* Footnotes

Insertion Loss, typical $0.05\sqrt{f}$ (GHz) (not applicable for elliptical waveguide)