195PMC-CR

MCX Male for CNT-195 braided cable

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Product Classification

Product Type	Braided cable connector
Product Brand	CNT®

General Specifications

Body Style	Straight
Inner Contact Attachment Method	Solder
Interface	MCX Male
Outer Contact Attachment Method	Crimp
Pressurizable	No

Dimensions

Width	15.9 mm | 0.626 in
Length	15.9 mm | 0.626 in
Diameter	26.8 mm | 1.055 in
Nominal Size	0.195 in

Electrical Specifications

Insertion Loss, typical	0.05 dB
Average Power at Frequency	150.0 W @ 900 MHz
Cable Impedance	50 ohm
Connector Impedance	50 ohm
dc Test Voltage	750 V
Inner Contact Resistance, maximum	5 mOhm
Insulation Resistance, minimum	1000 MOhm
Operating Frequency Band	0 – 6000 MHz
Outer Contact Resistance, maximum	2.5 mOhm
Peak Power, maximum	2.5 kW

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RF Operating Voltage, maximum (vrms)	353 V

Mechanical Specifications

Connector Retention Tensile Force	134 N | 30.124 lbf
Connector Retention Torque	0.17 N-m | 1.505 in lb
Interface Durability	500 cycles
Mechanical Shock Test Method	IEC 60068-2-27

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)
Attenuation, Ambient Temperature	20 °C | 68 °F
Average Power, Ambient Temperature	40 °C | 104 °F
Average Power, Inner Conductor Temperature	100 °C | 212 °F
Climatic Sequence Test Method	IEC 60068-1
Corrosion Test Method	IEC 60068-2-11
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
Water Jetting Test Mating	Mated
Water Jetting Test Method	IEC 60529:2001, IP65

Packaging and Weights

Weight, net	7 g | 0.015 lb

Regulatory Compliance/Certifications

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

* Footnotes

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

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