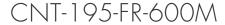
Product Specifications











Construction Materials

Jacket Color Black

Jacket Material Non-halogenated, fire retardant polyolefin

Braid Material Tinned copper
Shield Tape Material Aluminum
Dielectric Material Foam PE
Inner Conductor Material Copper

Dimensions

Cable Length 600 m | 1969 ft

Diameter Over Dielectric 2.790 mm | 0.110 in

Diameter Over Jacket 4.950 mm | 0.195 in

Inner Conductor OD 0.9400 mm | 0.0370 in

Nominal Size 0.195 in

 Outer Conductor OD
 3.500 mm | 0.138 in

 Reel Flange
 330.0 mm | 13.0 in

 Reel Hub
 127.0 mm | 5.0 in

 Reel Traverse
 305.0 mm | 12.0 in

 Total Weight
 20.1 kg | 44.3 lb

Electrical Specifications

Cable Impedance 50 ohm

Capacitance 79.7 pF/m | 24.3 pF/ft

dc Resistance, Inner Conductor 24.940 ohms/km | 7.600 ohms/kft dc Resistance, Outer Conductor 16.080 ohms/km | 4.900 ohms/kft

dc Test Voltage 1500 V
Jacket Spark Test Voltage (rms) 3000 V
Maximum Frequency 37.90 GHz

Operating Frequency Band 30 – 6000 MHz

Peak Power 2.5 kW
Shielding Effectiveness >90 dB
Velocity 75%

Environmental Specifications

Product Specifications



CNT-195-FR-600M

on the go

Installation Temperature $-40 \, ^{\circ}\text{C}$ to $+85 \, ^{\circ}\text{C}$ ($-40 \, ^{\circ}\text{F}$ to $+185 \, ^{\circ}\text{F}$)
Operating Temperature $-40 \, ^{\circ}\text{C}$ to $+85 \, ^{\circ}\text{C}$ ($-40 \, ^{\circ}\text{F}$ to $+185 \, ^{\circ}\text{F}$)
Storage Temperature $-70 \, ^{\circ}\text{C}$ to $+85 \, ^{\circ}\text{C}$ ($-94 \, ^{\circ}\text{F}$ to $+185 \, ^{\circ}\text{F}$)

General Specifications

Cable Type CNT-195
Braid Coverage 89% braid
Brand CNT®
Packaging Type Reel

Mechanical Specifications

Bending Moment 0.3 N-m | 0.2 ft lb
Flat Plate Crush Strength 0.3 kg/mm | 15.0 lb/in
Minimum Bend Radius, Single Bend 12.70 mm | 0.50 in
Tensile Strength 18 kg | 40 lb

Electrical Performance

Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)	
30 MHz	7.20	2.20	
50 MHz	8.90	2.70	
150 MHz	14.10	4.30	
220 MHz	17.10	5.20	
450 MHz	25.30	7.70	
900 MHz	37.10	11.30	
1500 MHz	49.50	15.10	
1800 MHz	55.10	16.80	
2000 MHz	58.70	17.90	
2500 MHz	66.90	20.40	
3000 MHz	74.80	22.80	

Regulatory Compliance/Certifications

AgencyRoHS 2002/95/EC

Classification
Compliant

China RoHS SJ/T 11364-2006 Below Maximum Concentration Value (MCV)

ISO 9001:2008 Designed, manufactured and/or distributed under this quality management system



