C600-DMDM

CNT-600 CNT® Jumper with interface types 7-16 DIN Male and 7-16 DIN Male, variable length



OBSOLETE

This product was discontinued on: August 14, 2022

Product Classification

Product Type Braided cable assembly

Product Brand CNT®
Product Series CNT-600

General Specifications

Attachment, Connector A Field attachment

Attachment, Connector B Field attachment

Body Style, Connector AStraightBody Style, Connector BStraightCable FamilyCNT-600

Interface, Connector A7-16 DIN MaleInterface, Connector B7-16 DIN Male

Specification Sheet Revision Level A

Variable Length For custom lengths contact 828-324-2200 or 1-800-982-1708 (toll free), or your local

CommScope representative

Dimensions

 Length
 0 m | 0 ft

 Nominal Size
 0.600 in

VSWR/Return Loss



C600-DMDM

Frequency Band VSWR Return Loss (dB)

700–3000 MHz 1.433 14.99

Jumper Assembly Sample Label



Regulatory Compliance/Certifications

Agency Classification

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

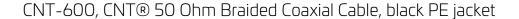


Included Products

CNT-600 - CNT-600, CNT® 50 Ohm Braided Coaxial Cable, black PE

iacket







Product Classification

Product Type Braided coaxial cable

Product Brand CNT®

Product Series CNT-600

General Specifications

Braid Coverage 90 %

Cable Type CNT-600

Jacket Color Black

Dimensions

 Diameter Over Dielectric
 11.56 mm | 0.455 in

 Diameter Over Jacket
 14.99 mm | 0.59 in

 Inner Conductor OD
 4.47 mm | 0.176 in

 Outer Conductor OD
 12.5 mm | 0.492 in

Nominal Size 0.600 in

Electrical Specifications

Cable Impedance 50 ohm

Capacitance 76 pF/m | 23.165 pF/ft

dc Resistance, Inner Conductor1.74 ohms/km | 0.53 ohms/kftdc Resistance, Outer Conductor5.75 ohms/km | 1.753 ohms/kft

dc Test Voltage 4600 V

Jacket Spark Test Voltage (rms) 8000 V

Maximum Frequency 10.2 GHz

COMMSCOPE®

CNT-600

Operating Frequency Band 30 – 6000 MHz

Peak Power40 kWShielding Effectiveness90 dBVelocity87 %

Material Specifications

Braid Material Tinned copper
Dielectric Material Foam PE

Jacket Material Non-halogenated PE

Inner Conductor Material Copper-clad aluminum wire

Shield Tape Material Aluminum

Mechanical Specifications

Minimum Bend Radius, single Bend38.1 mm | 1.5 inTensile Strength159 kg | 350.535 lbBending Moment3.7 N-m | 32.748 in lbFlat Plate Crush Strength1.1 kg/mm | 61.597 lb/in

Environmental Specifications

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 $+185 \,^{\circ}\text{F}$)

Packaging and Weights

Cable weight 0.13 kg/m | 0.087 lb/ft

Packaging Type Reel

Regulatory Compliance/Certifications

AgencyClassificationCHINA-ROHSBelow maximum concentration valueISO 9001:2015Designed, manufactured and/or distributed under this quality management systemREACH-SVHCCompliant as per SVHC revision on www.commscope.com/ProductComplianceROHSCompliant



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