

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 A	Straight
Body Style, Connector B	Straight
Cable Family	CNT-600
Interface, Connector A	7-16 DIN Male
Interface, Connector B	7-16 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

ISO 9001:2015



Classification

Designed, manufactured and/or distributed under this quality management system

Included Products

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

CNT-600

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



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 Conductor	1.74 ohms/km 0.53 ohms/kft
dc Resistance, Outer Conductor	5.75 ohms/km 1.753 ohms/kft
dc Test Voltage	4600 V
Jacket Spark Test Voltage (rms)	8000 V
Maximum Frequency	10.2 GHz

CNT-600

Operating Frequency Band	30 – 6000 MHz
Peak Power	40 kW
Shielding Effectiveness	90 dB
Velocity	87 %

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 Bend	38.1 mm 1.5 in
Tensile Strength	159 kg 350.535 lb
Bending Moment	3.7 N-m 32.748 in lb
Flat Plate Crush Strength	1.1 kg/mm 61.597 lb/in

Environmental Specifications

Installation temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)
Storage Temperature	-70 °C to +85 °C (-94 °F to +185 °F)

Packaging and Weights

Cable weight	0.13 kg/m 0.087 lb/ft
Packaging Type	Reel

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

CNT-600

