Part Number: 8720NH

Control Cable, 14 AWG, 19 x 27, 600V, LSNH



Product Description

14 AWG , 19 x 27, Stranded TC Conductors, 1 Pair, LSNH

Technical Specifications

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Audio, signal, control and instrumentation applications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
14	Stranded	TC - Tinned Copper	1

Conductor Count:	2
Conductor Size:	14 AWG

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
PO - Polyolefin	3.55 mm	0.8 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Clear

Outer Shield Material

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG
Foil	1	Aluminum/Polyester	Beldfoil® (Z-Fold®)	100 %	Stranded tinned copper	AWG 16/19

Outer Jacket Material

Material	Color	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC	Grey	9 mm	0.9 mm

Construction and Dimensions

Cabling

Description
2 wires stranded + drainwire stranded tinned copper AWG16/19

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
8.3 Ohm/km	11.3 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
78 pF/m	154 pF/m

Impedance

Nominal Characteristic Impedance
58 Ohm

Current

Max. Recommended Current [A]
9.5 A

Temperature Range

Storage Temp Range:	-30°C To +80°C
Operating Temp Range:	-30°C To +70°C
Other Temp Range:	-20-+80 °C

Mechanical Characteristics

Min Bend Radius (W/o Pulling Strength):	45 mm
Min Setting Radius:	90 mm

Standards

UL AWM Style:	UL AWM 21310

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2014-11-14

Suitability

Suitability - Non-Halogenated:	IEC 60754-2

Flammability, LS0H, Toxicity Testing

UL Flammability:	UL horizontal flame test
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color
8720NH.00500	Gray

History

Revision Number:	1

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