

Part Number: 8719LS

Control Cable, 16 AWG, 19 x 29, 600V, LSNH



Product Description

16 AWG , 19 x 29, Stranded TC Conductors, 1 Pair, LSNH

Technical Specifications

Product Overview

Environmental Space:	Indoor - Euroclass Eca
Suitable Applications:	Instrumentation and computer cable for data transmission applications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
16	19x29	TC - Tinned Copper

Conductor Count:	2
Total Number of Pairs:	1
Conductor Size:	16 AWG

Insulation

Material	Nominal Diameter	Diameter +/- Tolerance
Polyethylene	3.1 mm	0.07 mm

Color Chart

Number	Color
Wire 1	Black
Wire 2	Transparent

Inner Shield Material

Type	Material	Drainwire Material	Drainwire AWG
Foil	Aluminium / Polyester	Tinned copper	18

Inner Jacket Material

Material	Color	Nominal Diameter
FRNC / LSZH	Chrome	8.1 mm

Outer Shield Material

Material
Aluminum/Polyester

Outer Jacket Material

Material	Color	Nominal Diameter	Nominal Wall Thickness
LSZH / FRNC	Black	12.5 mm	1.3 mm

Construction and Dimensions

Armor

Material	Thickness of Armoring Wires	Coverage Percentage
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Single steel wire	0.9 mm	95 %
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Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
14.76 Ohm/km	20 Ohm/km

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Shield
75.4 pF/m	144.4 pF/m

Inductance

Nominal Pair Inductance
0.66 µH/m

Current

Max. Recommended Current [A]
7 A

Temperature Range

Installation Temp Range:	-15°C To +80°C
Storage Temp Range:	-15°C To +80°C
Operating Temp Range:	-15°C To +80°C
Operating Temp Range (Fixed Install):	-45°C To +80°C

Mechanical Characteristics

Oil Resistance:	IEC 60811-404
Bulk Cable Weight:	300 kg/km

Standards

CPR Euroclass:	Eca
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Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2016-02-15
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Flammability, LS0H, Toxicity Testing

ISO/IEC Flammability:	IEC 60332-3-24 (Cat. C)
Amount of Halogen acc. to IEC 60754-1 & EN50267-1:	Zero

Part Number

Variants

Item #	Color
8719LS.001500	Black
8719LS.002100	Black
8719LS.009999	Black

History

Revision Number:	3
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