

Product: 8471NH

Electronic, 2 C #16 Str TC, LSZH Ins, LSZH Jkt

Request Sample

Product Description

Electronic, 2 Conductor 16AWG (19x29) Tinned Copper, LSZH Insulation, LSZH Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring

Construction Details

Conductor

Size	Stranding	Material
16	19x29	TC - Tinned Copper

Insulation

Material	Nom. Insulation Diameter	Color Code	Notes
LSZH - Low Smoke Zero Halogen (Flame Retardant)	2.67 mm (0.105 in)	Black & White	Flame Retardant

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.89 mm (0.035 in)	7.1 mm (0.28 in)

Overall Cable Diameter (Nominal):	7.1 mm (0.28 in)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
14.7 Ohm/km (4.48 Ohm/1000ft)	52 pF/m (16 pF/ft)	7.1 Amps per Conductor

Voltage

Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating	Installation	Storage
-20°C To +75°C	-15°C To +80°C	-45°C To +80°C

Bend Radius

Installation Min.
71 mm (2.8 in)

Max. Pull Tension:	127 N (28.6 lbf)
Bulk Cable Weight:	32 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor - Euroclass Dca, Indoor, Non-Halogenated, Sunlight Resistance
Flammability / Reaction to Fire:	IEC 60332-1-2, IEC 60332-3-24
CPR Compliance:	CPR Euroclass: Dca-s1,d1,a1; CPR UKCA Class: Dca-s1,d1,a1
ISO/IEC Compliance:	IEC 61034-2 - Smoke Density Min Transmittance = 60%
CENELEC Compliance:	EN 50290-2-20
European Halogen Free Standards:	IEC 62821-1 Halogen Free Compliance = Yes, IEC 60754-1 - Halogen Amount = Zero, IEC 60754-2 - Halogen Acid Gas Amount - Max. Conductivity = 2.5 µS/mm, IEC 60754-2 - Halogen Acid Gas Amount - Min. pH = 4.3
European Directive Compliance:	EU CE Mark
UK Regulation Compliance:	UKCA Mark

History

Update and Revision:	Revision Number: 0.391 Revision Date: 12-02-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
8471NH.01500	Blue	Reel	500 m	8719605018359
8471NH.00152	Chrome	Reel	152 m	8719605018328
8471NH.00305	Chrome	Reel	305 m	8719605018335
8471NH.00500	Chrome	Reel	500 m	8719605018342
8471NH.001000	Chrome	Reel	1,000 m	8719605018304
8471NH.001500	Chrome	Reel	1,500 m	8719605018311
8471NH.021000	Green	Reel	1,000 m	8719605148087
8471NH.03305	White	Reel	305 m	8719605197290
8471NH.03500	White	Reel	500 m	8719605161666
8471NH.031000	White	Reel	1,000 m	8719605161680

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