



Product: [973072Z](#)

Blue Hose®, 1 Pr #18 Str TC, PP Ins, OS+TC Brd, LSZH-TS Jkt, BBA, LSZH-TS Jkt, 600V TC-ER-LS

Product Description

Blue Hose® for Data Highway Plus, 1 Pair 18AWG (7x26) Tinned Copper, PP Insulation, Overall Beldfoil®+Tinned Copper Braid(55%) Shield, LSZH-TS Inner Jacket, Bronze Braid Armor, LSZH-TS Outer Jacket, 600V TC-ER-ST1

Technical Specifications

Suitable Applications: shipboard, harsh environment, IIoT, factory or process automation, IP cameras and devices, data communication, etc.

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	18	7x26	TC - Tinned Copper

Insulation

Element	Material	Thickness	Color Code	Notes
Pair(s)	PP - Polypropylene	0.025 in	Blue & White	Flame Retardant

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape + Braid	Bi-Laminate (Alum+Poly) + Tinned Copper (TC)	100% + 55%	20 AWG (7x28) TC

Inner Jacket Material

Material	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant, Thermoset)	0.480 in

Armor

Armor Type & Material
BBA - Bronze Braid Armor

Outer Jacket Material

Material	Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant, Thermoset)	0.050 in	0.573 in

Cable Diameter (Nominal): 0.573 in

Electricals

Element	Characteristic Impedence	Nom. Velocity of Prop.
Pair(s)	78 Ohm	65%

High Frequency (Nominal/Typical)

Element
Pair(s)

Voltage

UL Voltage Rating	Non-UL Voltage Rating
600 V (TC-ER-ST1), 300 V (CMG-ST1, PLTC-ST1)	150 V (ITC-ST1)

Temperature

UL Rating
75°C Dry

Environmental Suitability:	Burial
NEC / UL Compliance:	Article 336, Article 725, Article 727, Article 800, CMG-ST1, TC-ER-ST1, PLTC-ST1,ITC-ST1
CEC / C(UL) Compliance:	CMG
Update and Revision:	Revision Number: 0.41 Revision Date: 09-30-2020

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