



Product: [729463](#)

Blue Hose®, 1 Pr #20 Str TC, PE Ins Blu,Clr, Foil+TC Brd, PVC Jkt, AIA Armor, LSZH Jkt

Product Description

Blue Hose® for Data Highway Plus, 1 Pair 20AWG (7x28) Tinned Copper, PE Insulation Blue & Clear, Overall Beldfoil®+Tinned Copper Braid(55%) Shield, PVC Inner Jacket, Aluminum Interlock Armor, Blue LSZH Outer Jacket

Technical Specifications

Suitable Applications: exposure to rodent, crush, or cut through force, harsh environment, Allen Bradley Data Highway communication interface between PLC processors, I/O devices, operator interfaces, computers and other intelligent devices, PLC processor interlocking, peer-to-peer messaging, remote programming, troubleshooting, I/O updates, etc.

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	20	7x28	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code	Notes
Pair(s)	PE - Polyethylene	0.019	Clear & Blue	Twinax with rod fillers

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
PVC - Polyvinyl Chloride	0.238 in

Armor

Armor Type & Material
AIA - Aluminum Interlock Armor

Outer Jacket Material

Material	Thickness	Nom. Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.045 in	0.518 in

Cable Diameter (Nominal): 0.518 in

Electricals

Element	Characteristic Impedance	Nom. Velocity of Prop.
Pair(s)	78 Ohm	66%

High Frequency (Nominal/Typical)

Element
Pair(s)

NEC / UL Compliance: Article 800, CM

AWM Compliance: 2464

CEC / C(UL) Compliance: CM

Other Standard Compliance(s): P-MSHA SC-7K-182006-1

Update and Revision: Revision Number: 0.37 Revision Date: 09-30-2020

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