



Product: [127953A](#)

DataTuff® Cat 6, (4 pr) 23 AWG Solid BC, PP/PVC/PVC, EtherNet/IP, Foil Shld, CMR, CMX, 600 V AWM, Alum Armor

[Request Sample](#)

Product Description

Four Cat 6 23 AWG Bonded-Pairs solid bare copper conductors, polypropylene insulation, FRPE spline center member, inner PVC jacket, overall Beldfoil® Shield (100% coverage), industrial grade oil- and UV-resistant PVC outer jacket, aluminum interlocked armor.

Technical Specifications

Product Overview

Suitable Applications:	in cabinet with high volt devices, such as motor control center, mining, outdoor, harsh environment, IIoT, factory or process automation, IP cameras and devices, data communication, etc. exposure to rodent, crush, or cut through force,
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material
23	Solid	BC - Bare Copper

Conductor Count:	8
Total Number of Pairs:	4

Insulation

Material
PO - Polyolefin

Inner Jacket Material

Material
PVC - Polyvinyl Chloride

Outer Shield Material

Type	Material	Drainwire Material	Drainwire AWG
Tape	Bi-Laminate (Alum+Poly)	TC - Tinned Copper	24

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.695

Construction and Dimensions

Armor

Type of Armor	Material
Interlocked	Aluminum

Standards

NEC/(UL) Compliance:	CMR-CMX
CEC/C(UL) Compliance:	CMG, HL
IEC Compliance:	ISO/IEC 11801 Cat 6
TIA/EIA Compliance:	TIA/EIA Category 6

Suitability

Suitability - Sunlight Resistance:	Yes
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Flammability, LSOH, Toxicity Testing

C(UL) Flammability:	FT4
UL Flammability:	UL 1666 (Riser)

History

Update and Revision:	Revision Number: 0.90 Revision Date: 09-25-2020
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