



Product: [IEA003](#)

DataTuff® 6A, 4 Bonded-Pr #23 Sol BC, FEP Ins, FEP Jkt, CMP, Extreme Temp.

Product Description

Industrial Ethernet Cat 6A, 4 Bonded-Pair 23AWG (Solid) Bare Copper, FEP Insulation, Patented X-Spline & EquiBlock™ Technologies, FEP Outer Jacket, CMP, Oil/Sun Res., Extreme Temperature

Technical Specifications

Product Overview

Suitable Applications:	extreme temp, exposure to oil and gasoline, harsh environment, IIoT, factory or process automation, IP cameras and devices, data communication, etc.
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Physical Characteristics (Overall)

Bonded-Pair:	Yes
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Outer Jacket Material

Material	Nominal Diameter
FEP - Fluorinated Ethylene Propylene	0.263 in

Temperature Range

Installation Temp Range:	-55°C To +150°C
UL Temp Rating:	150°C
Storage Temp Range:	-70°C To +150°C
Operating Temp Range:	-70°C To +150°C

Mechanical Characteristics

Bulk Cable Weight:	39 lbs/1000ft
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Standards

TIA/EIA Compliance:	ANSI/TIA-568-D.2 Category 6A
IEEE Compliance:	802.3

Applicable Environmental and Other Programs

EU RoHS Compliance Date (yyyy-mm-dd):	2011-12-09
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Suitability

Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Part Number

Non-Plenum Number:	IEA001
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Product Notes

Notes:	Operating temperature subject to length de-rating. Print Includes Descending Footage/Meter Markings from Max. Put-Up Length to 0.
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History

Update and Revision:	Revision Number: 0.14 Revision Date: 06-24-2020
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