



Product: [IEA001](#) 

DataTuff® 6A, 4 Bonded-Pr #23 Sol BC, PO Ins, PVC Jkt, CMR

Product Description

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

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Outer Jacket Material

Nominal Diameter
0.305 in

Temperature Range

Storage Temp Range:	-40°C To +75°C
Operating Temp Range:	-40°C To +75°C

Mechanical Characteristics

Bulk Cable Weight:	39 lbs/1000ft
--------------------	---------------

Standards

Telecommunications Standards:	ANSI/TIA-568-D.2 Category 6A
IEEE Specification:	802.3

Suitability

Suitability - Oil Resistance:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

Part Number

Patent:	https://www.belden.com/resources/patents
---------	---

Product Notes

Notes:	Operating temperature subject to length de-rating. Cable passes -40C Cold Bend per UL 1581. Print Includes Descending Footage/Meter Markings from Max. Put-Up Length to 0.
--------	--

History

Update and Revision:	Revision Number: 0.13 Revision Date: 04-28-2020
----------------------	---

© 2020 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.