Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

BELDEN
SENDING ALL THE RIGHT SIGNALS

R301602 Connectors - DataTuff® Industrial Ethernet Ruggedized Plug Kit T568B Cat 6A AWG 22-24 UTP/STP IP20

For more Information
please call

1-800-Belden1

RoHS COMPLIANT — ENVIRONMENTALLY FRIENDLY

General Description:

DataTuff® Industrial Ethernet Ruggedized RJ45 Plug Kit UTP/STP, AWG 22-24, T568B. Suitable for use in IP20 unsealed installations.

Usage (Overall)

Suitable Applications:	Industrial ethernet, harsh environments including 10BaseTX, 100BaseTX, 1000BaseT, 10GBASE-T and IBDN System 10GX

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2006
MII Order #39 (China RoHS):	EUP 50
Safety Listing:	c(UL)us Listed

Notes (Overall)

Notes: Refer to Installation Guide PX105479. For additional information about this product, visit our web site at http://www.belden.com

Connectors

Part Number:	R301602
Connector Materials:	UL94V-0 flame retardant, UV resistant
Sealing:	Suitable for IP20
Connector Interface:	IEC 60603-7
Shielding:	Zinc diecast - Nickel plated
Electrical Performance:	Cat 6A
Maximum Operating Voltage:	300 V RMS
Storage Temperature Range:	-40°C To +85°C
Installation Temperature Range:	-40°C To +85°C
Operating Temperature Range:	-40°C To +85°C
Applicable Standards:	ANSI/TIA/EIA-568.2-D, EtherNet/IP Specification, UL1863

Connector Specification Ranges:

Conductor	Solid	Stranded	Min. (in.)	Max. (in.)
AWG - Min.	24	24/7		
AWG - Max.	22	22/7		
Insulation Diameter			0.043	0.063
Outer Jacket Diameter			0.197	0.354

Notes:
- Suitable for use with cables 300V RMS and 600V AWM.
- UL Flame Test: UL2043 Air Handling Spaces.

Put Ups and Colors:

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Item #	Putup	Ship Weight	Color	Notes	Item Desc
R301602 000S1	1 EA	0.060 LB	NONE		IND RUGG RJ45 T568B AWG22-24

Revision Number: 0   Revision Date: 04-23-2019

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