

METRIC MEASUREMENT VERSION

R301601 Connectors - DataTuff® Industrial Ethernet Ruggedized Plug Kit T568A Cat 6A AWG 22-24 UTP/STP IP20



For more Information
please call

1-800-Belden1



General Description:

DataTuff® Industrial Ethernet Ruggedized RJ45 Plug Kit UTP/STP, AWG 22-24, T568A. 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:	R301601
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
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. (mm)	Max. (mm)
AWG - Min.	24	24/7		
AWG - Max.	22	22/7		
Insulation Diameter			1.092	1.600
Outer Jacket Diameter			5.004	8.992

Notes:

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

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
R301601 000S1	1 EA	0.060 LB	NONE		IND RUGG RJ45 T568A AWG22-24

METRIC MEASUREMENT VERSION

R301601 Connectors - DataTuff® Industrial Ethernet Ruggedized Plug Kit T568A Cat 6A AWG 22-24 UTP/STP IP20

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

© 2019 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 herein 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 "AS IS" 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 EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure 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. This 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.