

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



For more Information  
please call

1-800-Belden1

### General Description:

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

### Usage (Overall)

**Suitable Applications:** Industrial ethernet, harsh environments including 10BaseTX, 100BaseTX and 1000BaseT

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

**EU RoHS Compliance Date (mm/dd/yyyy):** 07/01/2006

**MII Order #39 (China RoHS):** EUP 50

**Safety Listing:** Bi-national Standard 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

<b>Part Number:</b>	R301602
<b>Connector Materials:</b>	UL94V-0 flame retardant, UV resistant
<b>Sealing:</b>	Suitable for IP20
<b>Connector Interface:</b>	IEC 60603-7
<b>Shielding:</b>	Zinc diecast - Nickel plated
<b>Electrical Performance:</b>	Cat 6A
<b>Maximum Operating Voltage:</b>	300 V RMS
<b>Storage Temperature Range:</b>	-40°C To +70°C
<b>Installation Temperature Range:</b>	-10°C To +60°C
<b>Operating Temperature Range:</b>	-40°C To +70°C
<b>Applicable Standards:</b>	ANSI/TIA/EIA-568-C.2, EtherNet/IP Specification, UL1863

#### Connector Specification Ranges:

Conductor	Solid	Stranded	Min. (in.)	Max. (in.)
AWG - Min.	24	27/7		
AWG - Max.	22	22/7		
Insulation Diameter			0.033	0.063
Outer Jacket Diameter			0.197	0.345

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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