

**Revisions**

Issue	Date	Note
2	17/03/2025	See GTXPDC/1065

**DATASHEET**



**1. Mechanical**

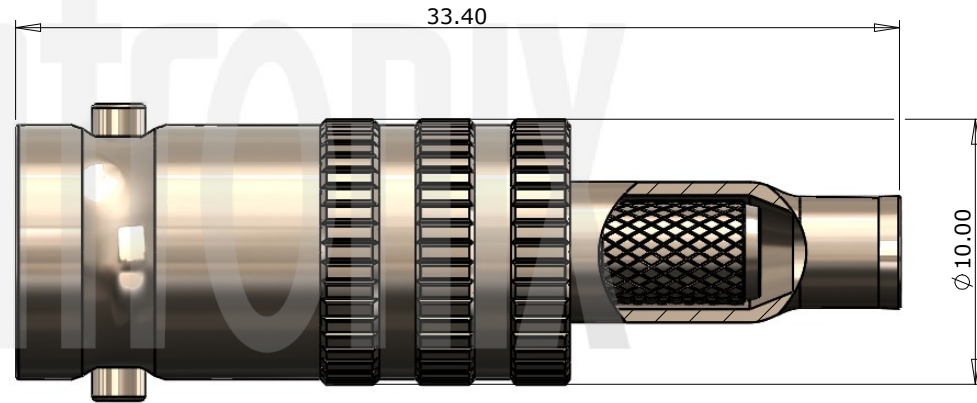
Cable Retention	Equal to breaking strain of cable
Fixing Method	Crimp / Solder
Durability	500 mating cycles
Contact Termination	Solder

**2. Environmental**

RoHS Compliant	Yes
Temperature Range	-65 to +165 degrees C

**3. Electrical**

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	75 ohms
Interface Frequency	12 GHz
Working Voltage	500 Volts RMS Maximum



Description	Material	Finish
6 Tube	Brass	Nickel
5 Insulator	PTFE	White
4 Ferrule	Brass	Nickel
3 Dielectric	PTFE	White
2 Contact	Phosphor Bronze	Gold
1 Body	Brass	Nickel

Unless otherwise specified tolerances  
 0,5-5 = ±0,2  
 >5-30 = ±0,4  
 >30-120 = ±0,6  
 >120-315 = ±1,0  
 >315-1000 = ±1,6  
 Angles = ±5°  
 Units = mm

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<b>Author</b>	PJP
<b>Drawn by</b>	PJP
<b>Drawing date</b>	15/12/2022
<b>Checked by</b>	DB
<b>Checked date</b>	19/12/2022
<b>Scale</b>	Not to scale

**Part Number** BN10-0179-C06-Z  
**Title:** BNC 12G SDI Crimp Jack, Belden RG179DT

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**ASSEMBLY INSTRUCTIONS**

**Assembly Instructions**

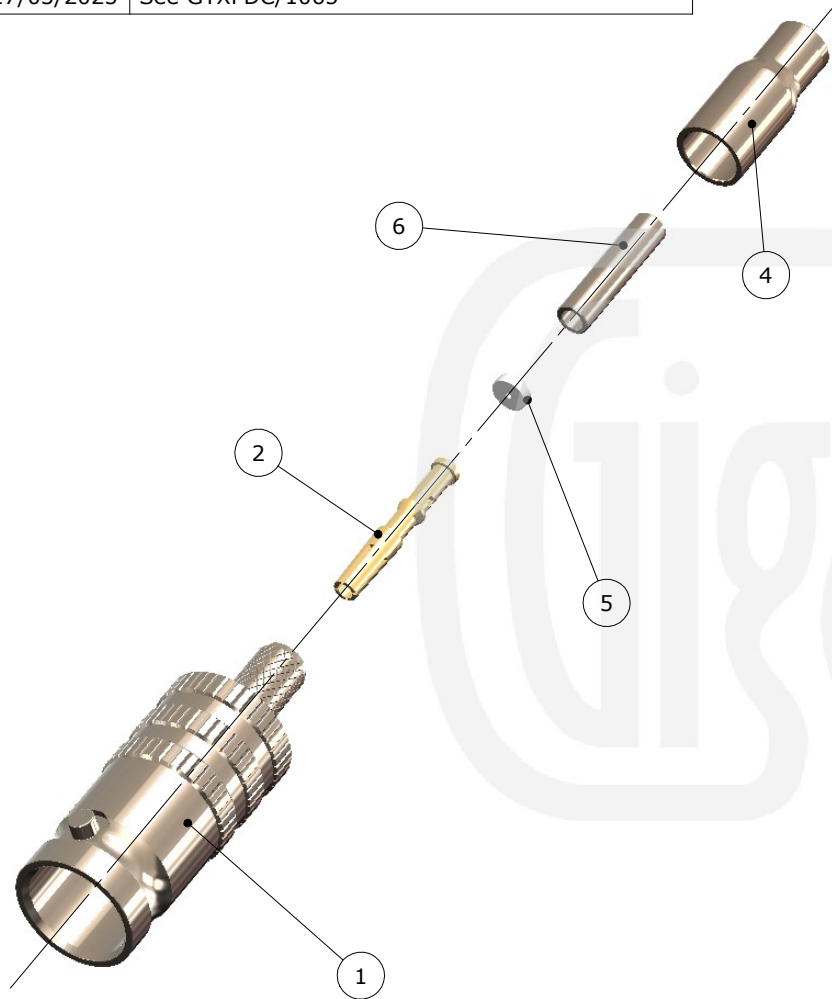
1) Slide the ferrule onto the cable and strip the cable to the dimensions as shown, taking care not to nick the centre conductor or braid.



2) Open the cable braid and slide the tube over the dielectric and under the braid. Slide the small insulator over the centre core, solder the contact onto the centre core and slide the contact into the body until it captivates, ensuring that the cable braid is on the outside of the connector mandril.



3) Slide the ferrule forward and crimp.



**Crimp Die Sizes:**  
4.52mm Hex., Solder centre core

**Strip Dimensions:**  
A=8.0mm, B=5.0mm, C=6.5mm



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