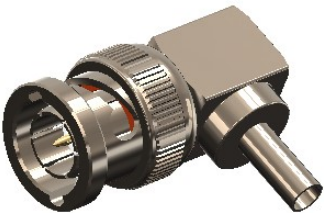


Revisions		
Issue	Date	Note
2	12/06/2025	See GTXPDC/1105



1. Mechanical

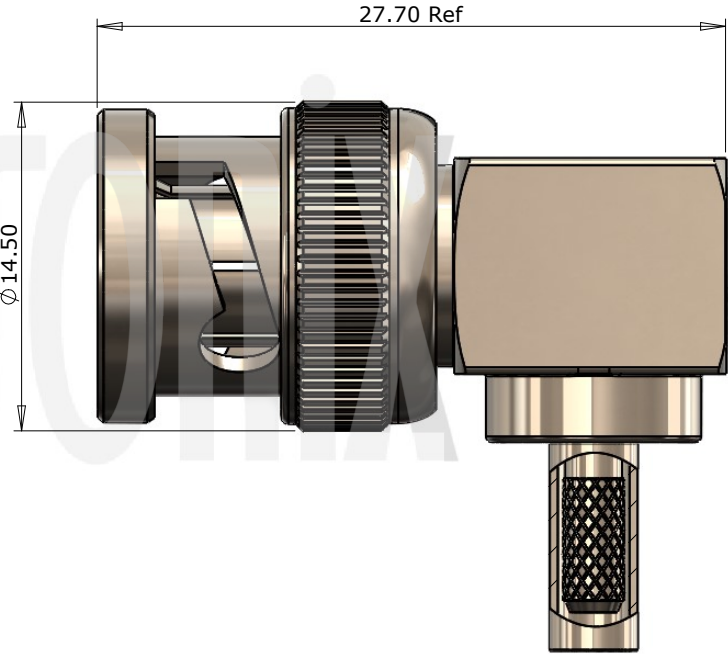
Cable Retention	Equal to breaking strain of cable
Durability	500 mating cycles
Fixing Method	Crimp

2. Environmental

RoHS Compliant	Yes
Temperature Range	-55 to +85 degrees C

3. Electrical

Dielectric Withstanding	1500 Volts RMS Maximum
Impedance	75 ohms
Recommended Maximum Operating Frequency	6 GHz
Working Voltage	500 Volts RMS Maximum



				<div> <div> Unless otherwise specified tolerances  0.5-5 = ±0.2  &gt;5-30 = ±0.4  &gt;30-120 = ±0.6  &gt;120-315 = ±1.0  &gt;315-1000 = ±1.6  Angles = ±5°  Units = mm </div> <div> This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation. </div> </div>	<div> <div> </div> <div> <div>Part Number</div> <div>BN17-0179-C06</div> </div> <div> <div>Title:</div> <div>BNC Crimp Right Angle Plug, Nickel Plated, Gigatronix UHD75-179D, Belden 179DT</div> </div> </div>	<div>Author</div> <div>PJP</div>
7	Insulator	Polypropylene	White			<div>Drawn by</div> <div>PJP</div>
6	End Cap	Brass	Nickel			<div>Drawing date</div> <div>21/07/2022</div>
5	Ferrule	Brass	Nickel			<div>Checked by</div> <div>DB</div>
4	Dielectric	Delrin	White			<div>Checked date</div> <div>27/07/2022</div>
3	Pin	Brass	Gold			<div>Scale</div> <div>Not to scale</div>
2	Coupling Nut	Brass	Nickel			
1	Body	Brass	Nickel			
Description		Material	Finish			

Revisions		
Issue	Date	Note
2	12/06/2025	See GTXPDC/1105

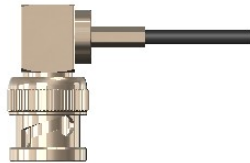
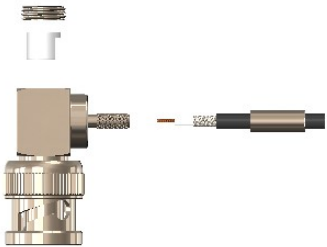
## ASSEMBLY INSTRUCTIONS

### 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) Insert the cable into the body, ensuring that the cable braid is on the outside of the connector mandril and that the centre core locates in the internal mounting post

3) Slide the ferrule forward and crimp. Solder the centre core of the cable to the mounting post and fit the insulator and the end cap




### Crimp Die Sizes:

3.25mm Hex., Solder centre core

### Strip Dimensions:

A=8.0mm, B=5.0mm, C=3.0mm



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3	Pin	Brass	Gold	<p>This document is the confidential property of Gigatronix Limited and may not be copied, reproduced or transmitted to any third party without written authorisation.</p>	<b>Part Number</b> BN17-0179-C06 <b>Title:</b> BNC Crimp Right Angle Plug, Nickel Plated, Gigatronix UHD75-179D, Belden 179DT	<b>Scale</b>	Not to scale
2	Coupling Nut	Brass	Nickel				
1	Body	Brass	Nickel				
<b>Description</b>		<b>Material</b>	<b>Finish</b>				