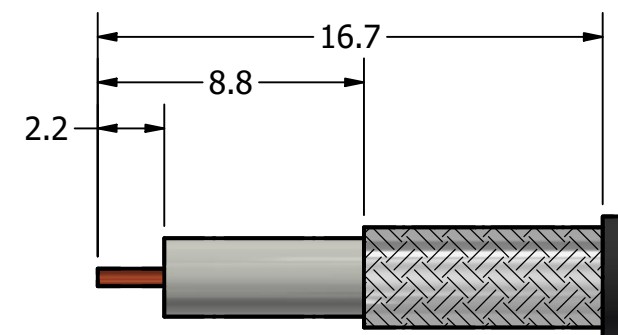
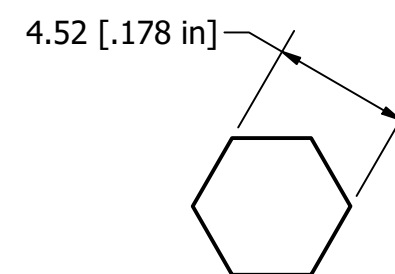
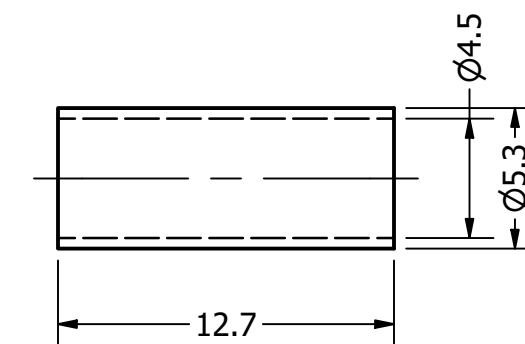
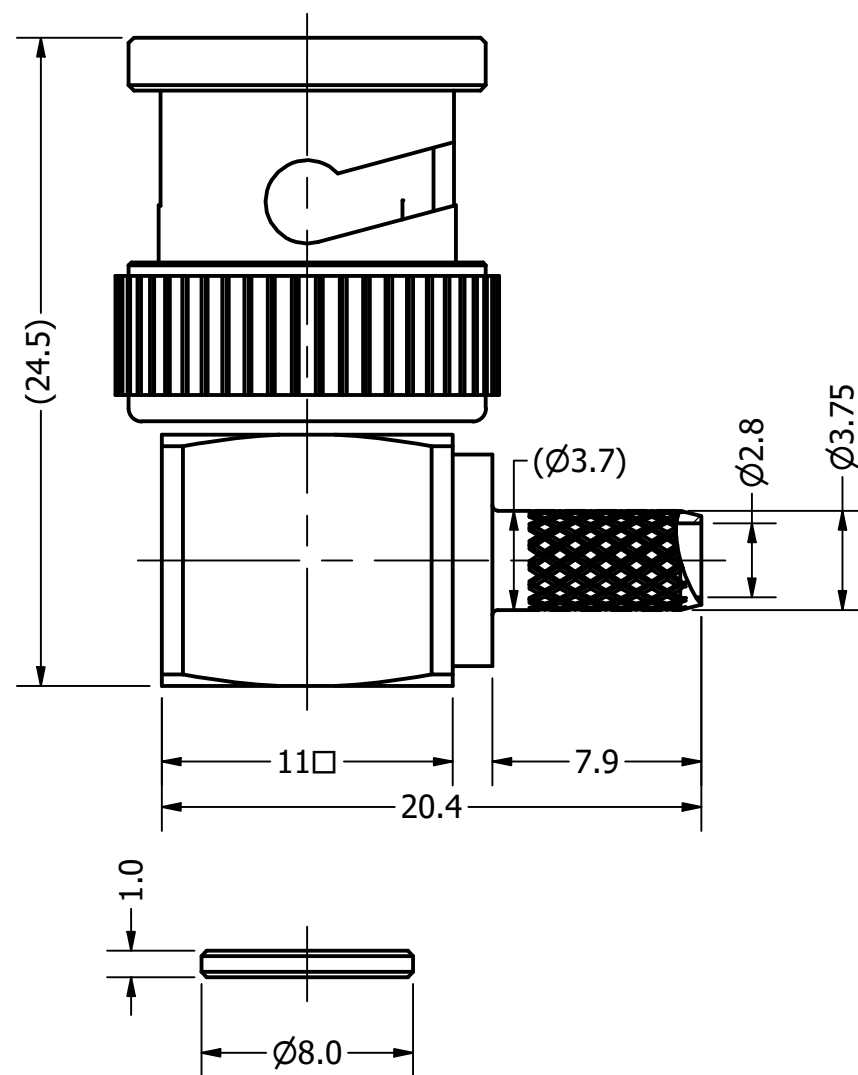
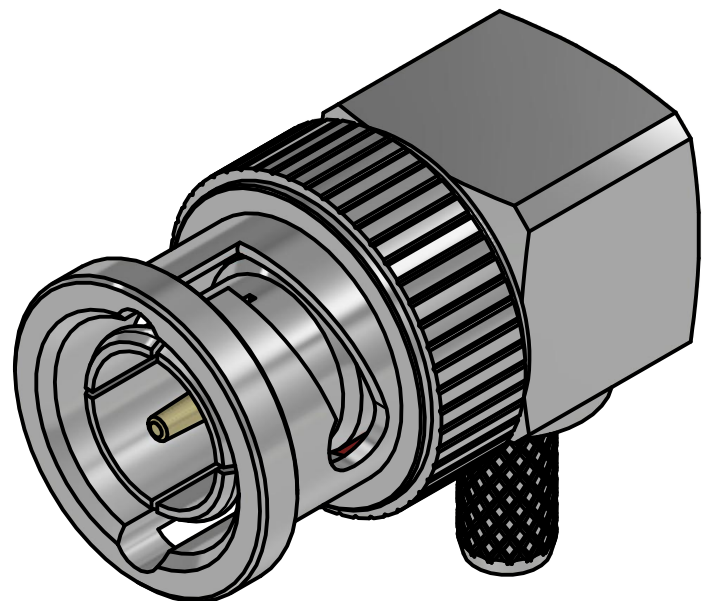




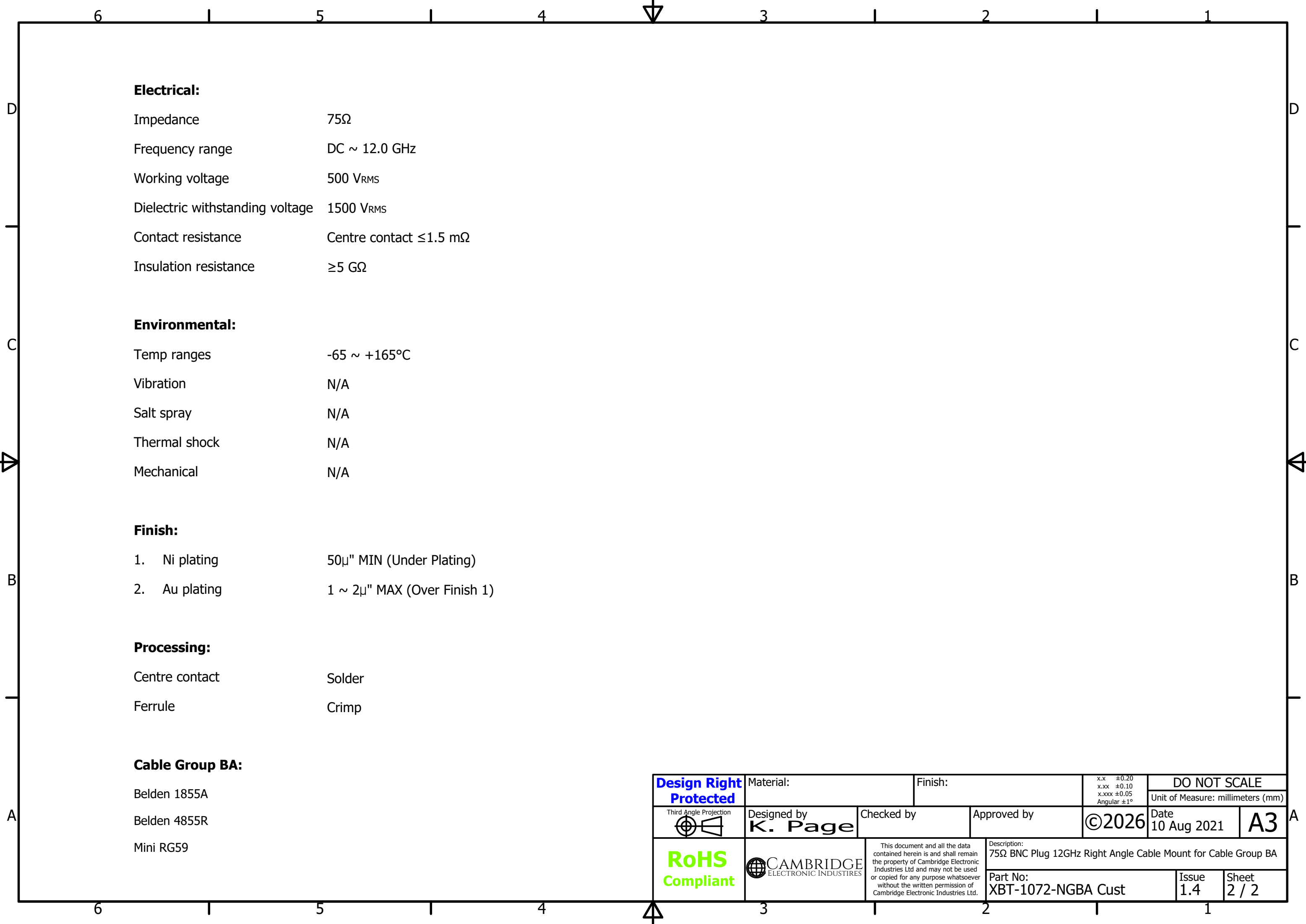
**Recommended crimping
dimension for ferrule**

**Recommended cable
stripping dimensions**

PARTS LIST			
ITEM	DESCRIPTION	MATERIAL	FINISH
1	Shell	Brass	Finish 1
2	Body	Brass	Finish 1
3	Insulator	PTFE	None
4	Inner Contact	Brass	Finish 1/2
5	Ferrule	Brass	Finish 1
6	Cap	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	10 Aug 2021	K. Page
1.1	Data removed	-	10 Aug 2021	K. Page
1.2	Data chg to 75 Ohm	-	22 Sep 2021	K. Page
1.3	Dim added B-1	-	09 Jan 2023	K. Page
1.4	Updated Format	FB / INT	20 Aug 2026	Peter Millard

Design Right Protected		Material:		Finish:		x.x ±0.20 x.xx ±0.10 x.xxx ±0.05 Angular ±1°		DO NOT SCALE	
Third Angle Projection		Designed by K. Page		Checked by		Approved by		©2026	
RoHS Compliant		CAMBRIDGE ELECTRONIC INDUSTRIES		This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.		Description: 75Ω BNC Plug 12GHz Right Angle Cable Mount for Cable Group BA		Date 10 Aug 2021	
						Part No: XBT-1072-NGBA Cust		Issue 1.4	
								Sheet 1 / 2	



Electrical:

Impedance	75Ω
Frequency range	DC ~ 12.0 GHz
Working voltage	500 V _{RMS}
Dielectric withstanding voltage	1500 V _{RMS}
Contact resistance	Centre contact ≤1.5 mΩ
Insulation resistance	≥5 GΩ

Environmental:

Temp ranges	-65 ~ +165°C
Vibration	N/A
Salt spray	N/A
Thermal shock	N/A
Mechanical	N/A

Finish:

- | | | |
|----|------------|-----------------------------|
| 1. | Ni plating | 50μ" MIN (Under Plating) |
| 2. | Au plating | 1 ~ 2μ" MAX (Over Finish 1) |

Processing:

Centre contact	Solder
Ferrule	Crimp

Cable Group BA:

- Belden 1855A
- Belden 4855R
- Mini RG59

Design Right Protected	Material:		Finish:		x.x ±0.20 x.xx ±0.10 x.xxx ±0.05 Angular ±1°	DO NOT SCALE	
	Designed by K. Page		Checked by		Approved by	©2026	Date 10 Aug 2021
 RoHS Compliant	Description: 75Ω BNC Plug 12GHz Right Angle Cable Mount for Cable Group BA		Part No: XBT-1072-NGBA Cust		Issue 1.4		Sheet 2 / 2
	This document and all the data contained herein is and shall remain the property of Cambridge Electronic Industries Ltd and may not be used or copied for any purpose whatsoever without the written permission of Cambridge Electronic Industries Ltd.		Unit of Measure: millimeters (mm)		A3		