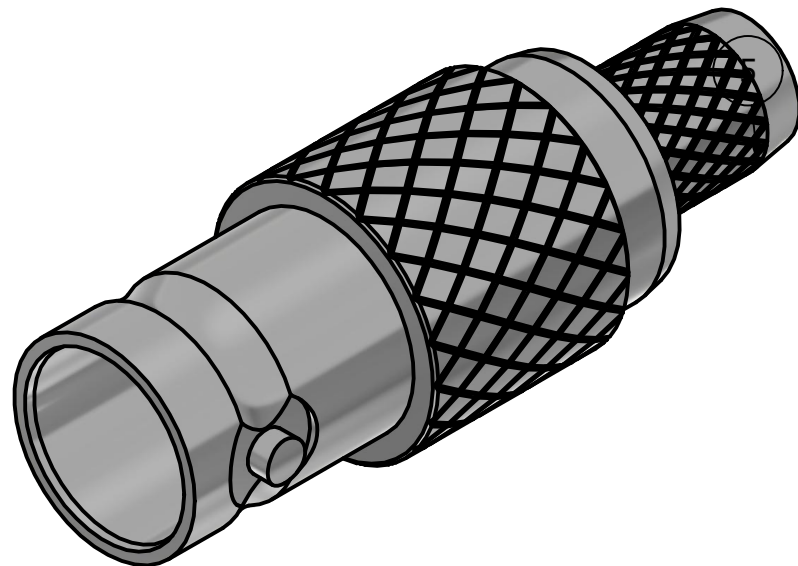
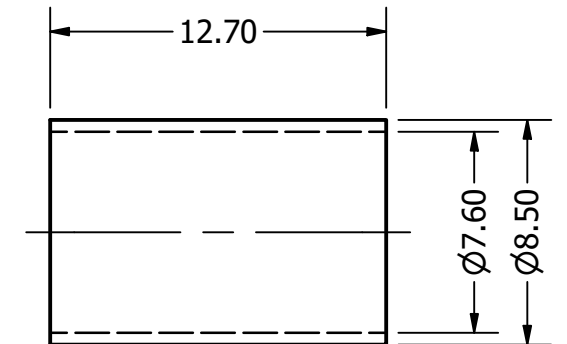
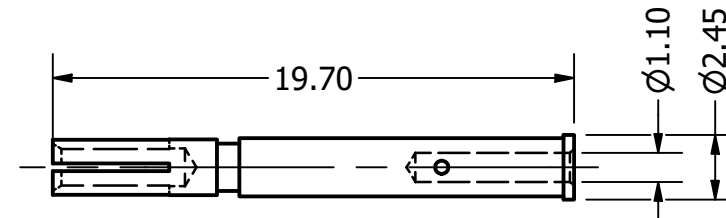
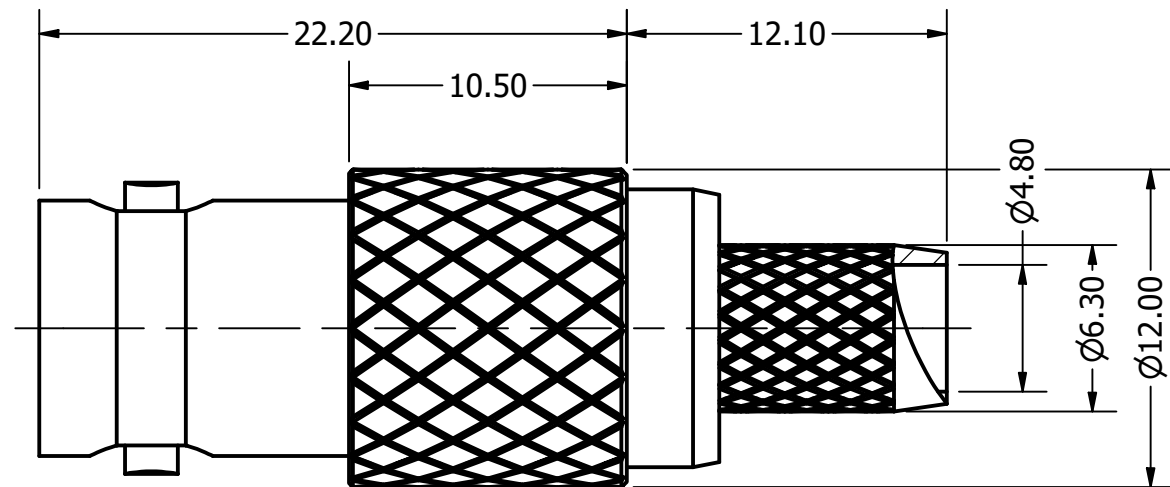
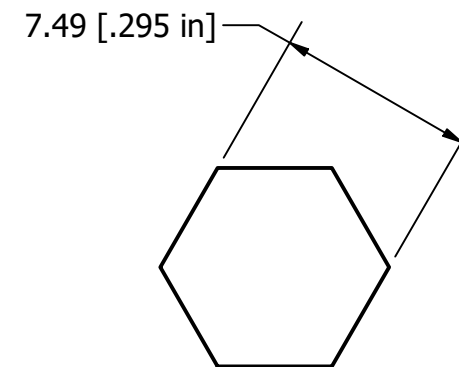
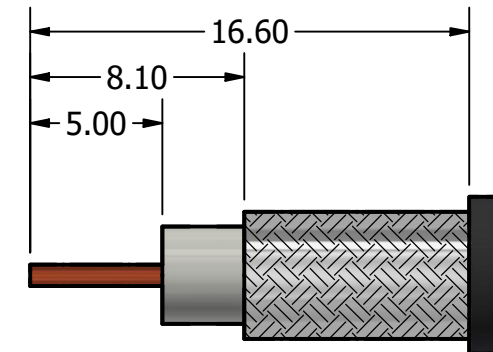


**Recommended crimping
dimension for contact**



**Recommended crimping
dimension for ferrule**



**Recommended cable
stripping dimensions**

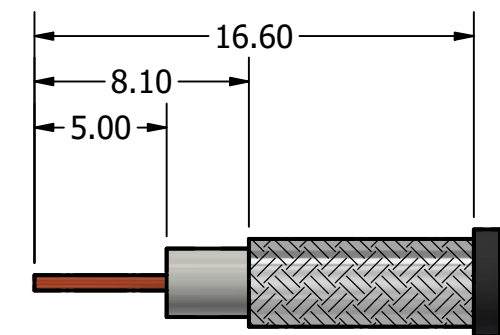
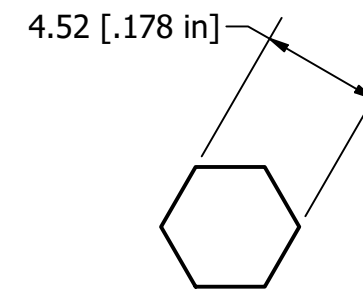
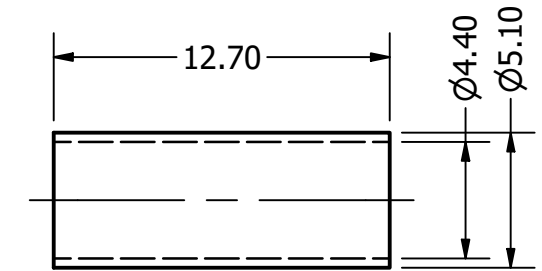
Notes:

- Centre Contacts③supplied bulk-packed
- Ferrules②supplied bulk-packed

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin		07-Sep-16	P. Fayers
1.1	Updated Format		28 Sep 2023	P. Millard
3.0	Added RL Data Updated Format	FB / INT	01 Jul 2026	Peter Millard

Design Right Protected	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Designed by P. Fayers		Checked by		Approved by	©2026 Date 07 Sep 2016	A3
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 Socket 6GHz Cable Mount for Cable Group AS		
					Part No: XBT-1066-NGAS Cust		Issue 3.0 Sheet 1 / 2

Sheet
2 / 2

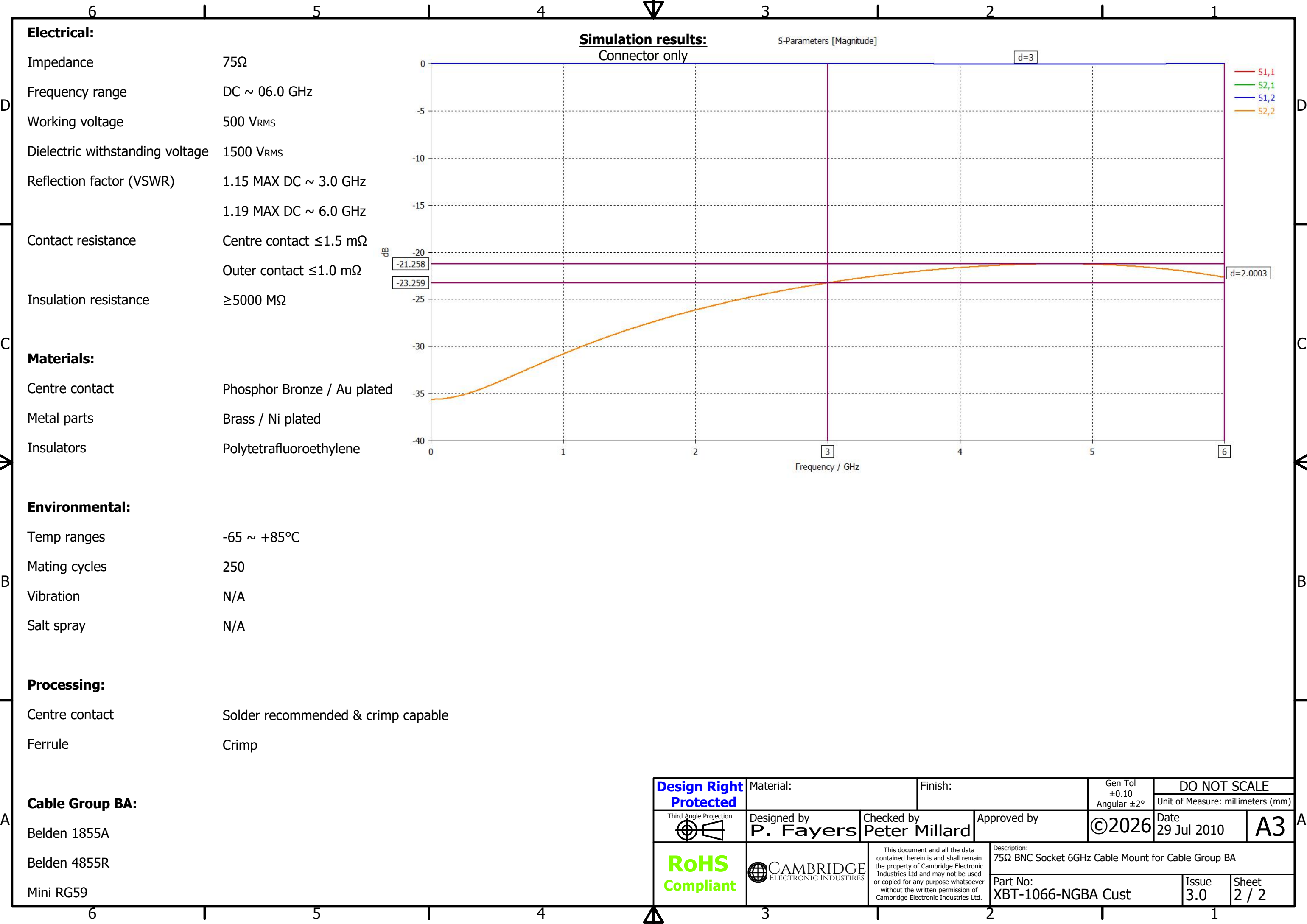


Recommended crimping dimension for ferrule

Recommended cable stripping dimensions

- Centre Contacts③supplied bulk-packed
- Ferrules②supplied bulk-packed

Design Right Protected	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Third Angle Projection 		Designed by P. Fayers	Checked by Peter Millard	Approved by	©2026	Unit of Measure: millimeters (mm) Date 29/07/2010
RoHS Compliant			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 Socket 6GHz Cable Mount for Cable Group BA		
					Part No: XBT-1066-NGBA Cust		Issue 3.0
						Sheet 1 / 2	



Electrical:	
Impedance	75Ω
Frequency range	DC ~ 06.0 GHz
Working voltage	500 V _{RMS}
Dielectric withstanding voltage	1500 V _{RMS}
Reflection factor (VSWR)	1.15 MAX DC ~ 3.0 GHz
	1.19 MAX DC ~ 6.0 GHz
Contact resistance	Centre contact ≤1.5 mΩ
	Outer contact ≤1.0 mΩ
Insulation resistance	≥5000 MΩ

Materials:	
Centre contact	Phosphor Bronze / Au plated
Metal parts	Brass / Ni plated
Insulators	Polytetrafluoroethylene

Environmental:	
Temp ranges	-65 ~ +85°C
Mating cycles	250
Vibration	N/A
Salt spray	N/A

Processing:	
Centre contact	Solder recommended & crimp capable
Ferrule	Crimp

Cable Group BA:

- Belden 1855A
- Belden 4855R
- Mini RG59

Design Right Protected	Material:		Finish:		Gen Tol ±0.10 Angular ±2°	DO NOT SCALE	
	Designed by P. Fayers		Checked by Peter Millard		Approved by	©2026	Unit of Measure: millimeters (mm)
RoHS Compliant			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 Socket 6GHz Cable Mount for Cable Group BA		
					Part No: XBT-1066-NGBA Cust		Issue 3.0
						Sheet 2 / 2	