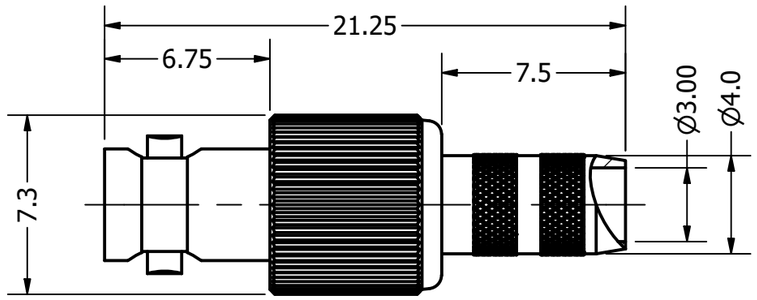
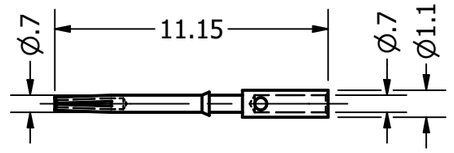
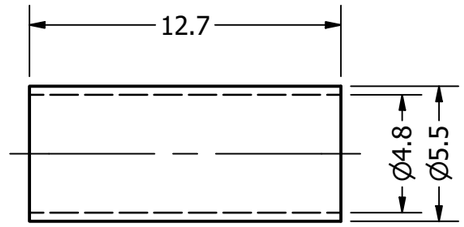
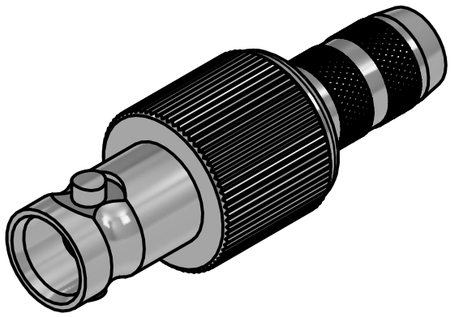
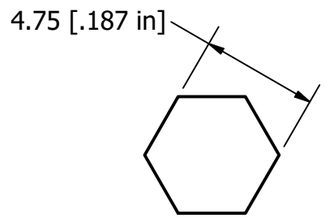


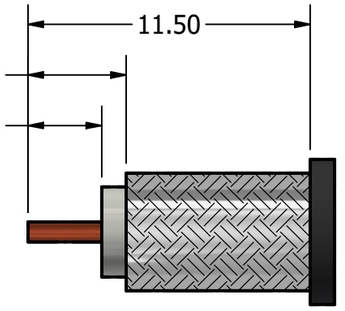








Recommended crimping dimension for ferrule



Recommended cable stripping dimensions

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	28 Nov 2018	Peter Fayers
1.1	Updated Format	FB / INT	26 Aug 2026	Peter Millard

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

Design Right Protected

Third Angle Projection

RoHS Compliant

Material:

Finish:

x.x ±0.20
x.xx ±0.10
x.xxx ±0.05
Angular ±1°

DO NOT SCALE

Unit of Measure: millimeters (mm)

Designed by Peter Fayers

Checked by Peter Millard

Approved by

©2026

Date 28 Nov 2018

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Description:
75Ω Micro BNC Socket 12GHz Cable Mount for Cable Group BA

Part No: XPT-D002-NGBA Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D002-NGBA

Electrical:

Impedance	75Ω
Frequency range	DC ~ 12.0 GHz
Working voltage	500 V_{RMS}
Dielectric withstanding voltage	1000 V_{RMS}
Contact resistance	Centre contact ≤3.0 mΩ
	Outer contact ≤2.5 mΩ
Insulation resistance	≥5000 MΩ

Environmental:

Temp ranges	-65 ~ +165°C
Vibration	MIL-STD-202 method 204 test condition D
Salt spray	MIL-STD-202 method 101 test condition C
Thermal shock	MIL-STD-202 method 107 test condition B
Mechanical	MIL-STD-202 method 213 test condition I

Finish:

1.	Ni plating	50µ" MIN (under plating)
2.	Au plating	3µ" 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 Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Peter Fayers	Checked by Peter Millard	Approved by	©2026	Date 28 Nov 2018	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 Micro BNC Socket 12GHz Cable Mount for Cable Group BA			
			Part No: XPT-D002-NGBA Cust	Issue 1.1	Sheet 2 / 2	