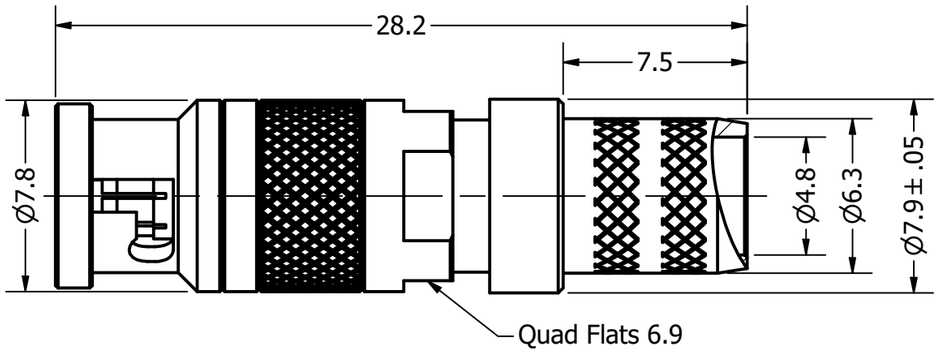
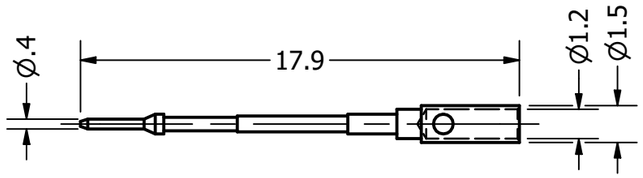
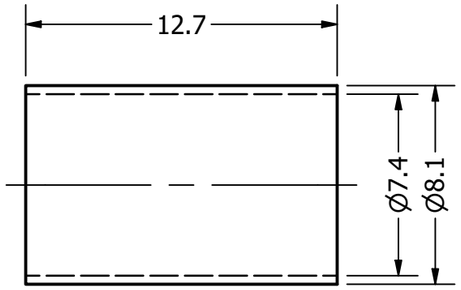
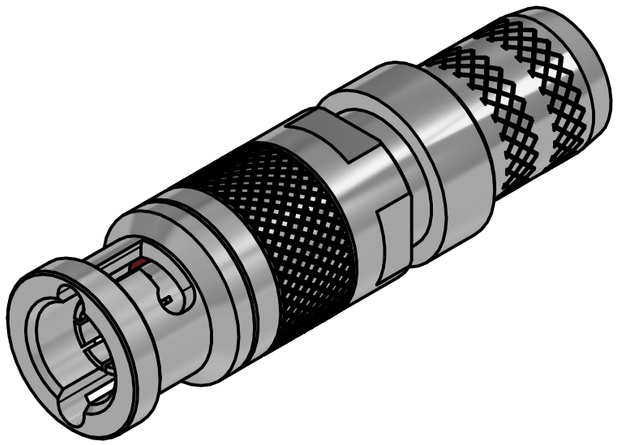
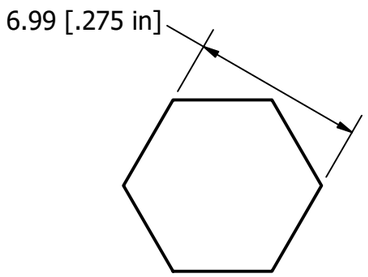


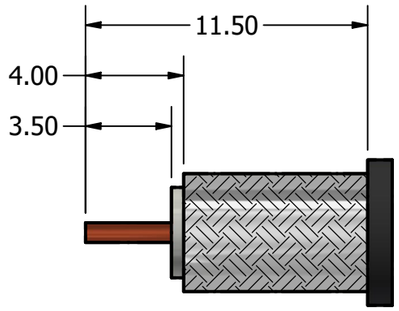








Recommended crimping dimension for ferrule



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	BeCu	Finish 1/2
5	Ferrule	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	16 May 2019	Peter Fayers
1.1	Updated Format	FB / INT	01 Sep 2026	Peter Millard

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 16 May 2019

A3

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Description:
75Ω Micro BNC Plug 12GHz Slim Body Cable Mount for Cable Group AS

Part No: XPT-D004-NGAS Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D004-NGAS

Electrical:

Impedance	75Ω
Frequency range	DC ~ 12.0 GHz
Working voltage	170 V_{RMS}
Dielectric withstanding voltage	500 V_{RMS}
Contact resistance	Centre contact ≤5.0 mΩ
	Outer contact ≤2.5 mΩ
Insulation resistance	≥1000 MΩ

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 recommended & crimp capable
Ferrule	Crimp

Cable Group AS:

Belden 1694A

Belden 1694F

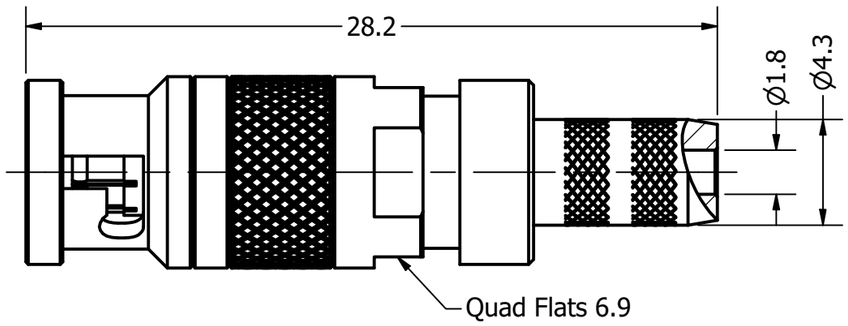
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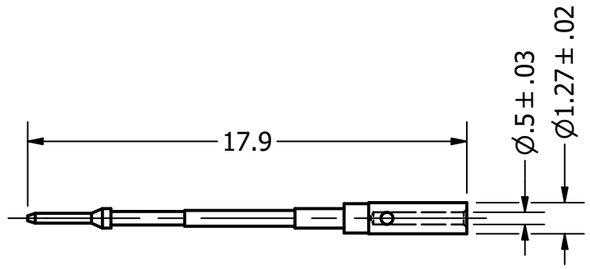
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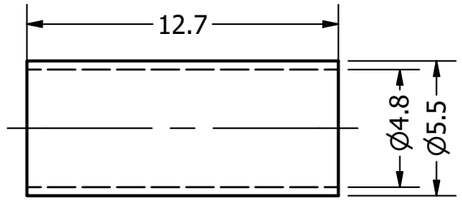
Canford SDV-XF

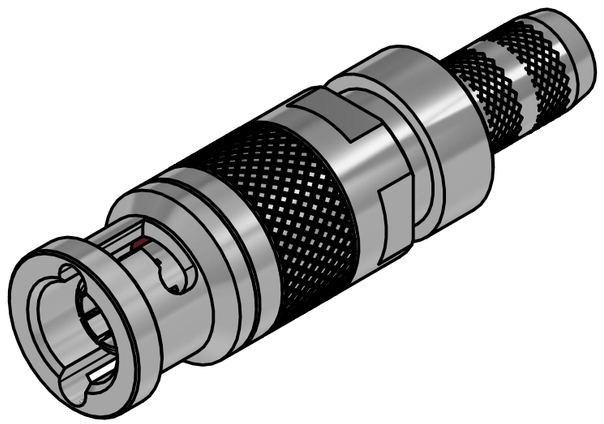
RG6

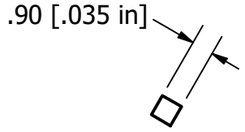
Design Right Protected	Material:	Finish:		x.x ±0.20 x.xx ±0.10 x.xxx ±0.05 Angular ±1°	DO NOT SCALE Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Peter Fayers	Checked by Peter Millard	Approved by	©2026	Date 16 May 2019	A3
RoHS Compliant	CAMBRIDGE ELECTRONIC INDUSTRIES	This document 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 Plug 12GHz Slim Body Cable Mount for Cable Group AS			
			Part No: XPT-D004-NGAS Cust		Issue 1.1	Sheet 2 / 2

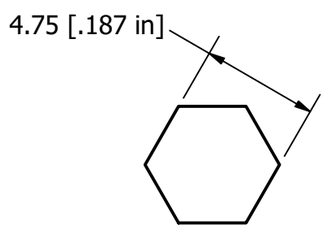


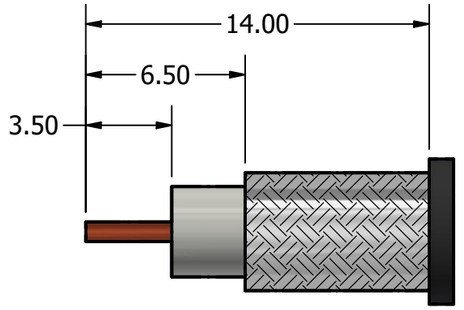












Recommended crimping dimension for contact

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	BeCu	Finish 1/2
5	Ferrule	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	05 Sep 2023	Peter Millard
1.1	Updated Format	FB / INT	01 Sep 2026	Peter Millard

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 Millard

Checked by Peter Millard

Approved by

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Date 05 Sep 2023

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Description:
75Ω Micro BNC Plug 12GHz Slim Body Cable Mount for Cable Group DM

Part No: XPT-D004-NGDM Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D004-NGDM

Electrical:

Impedance	75Ω
Frequency range	DC ~ 12.0 GHz
Working voltage	170 V_{RMS}
Dielectric withstanding voltage	500 V_{RMS}
Contact resistance	Centre contact ≤5.0 mΩ
	Outer contact ≤2.5 mΩ
Insulation resistance	≥1000 MΩ

Environmental:

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

Finish:

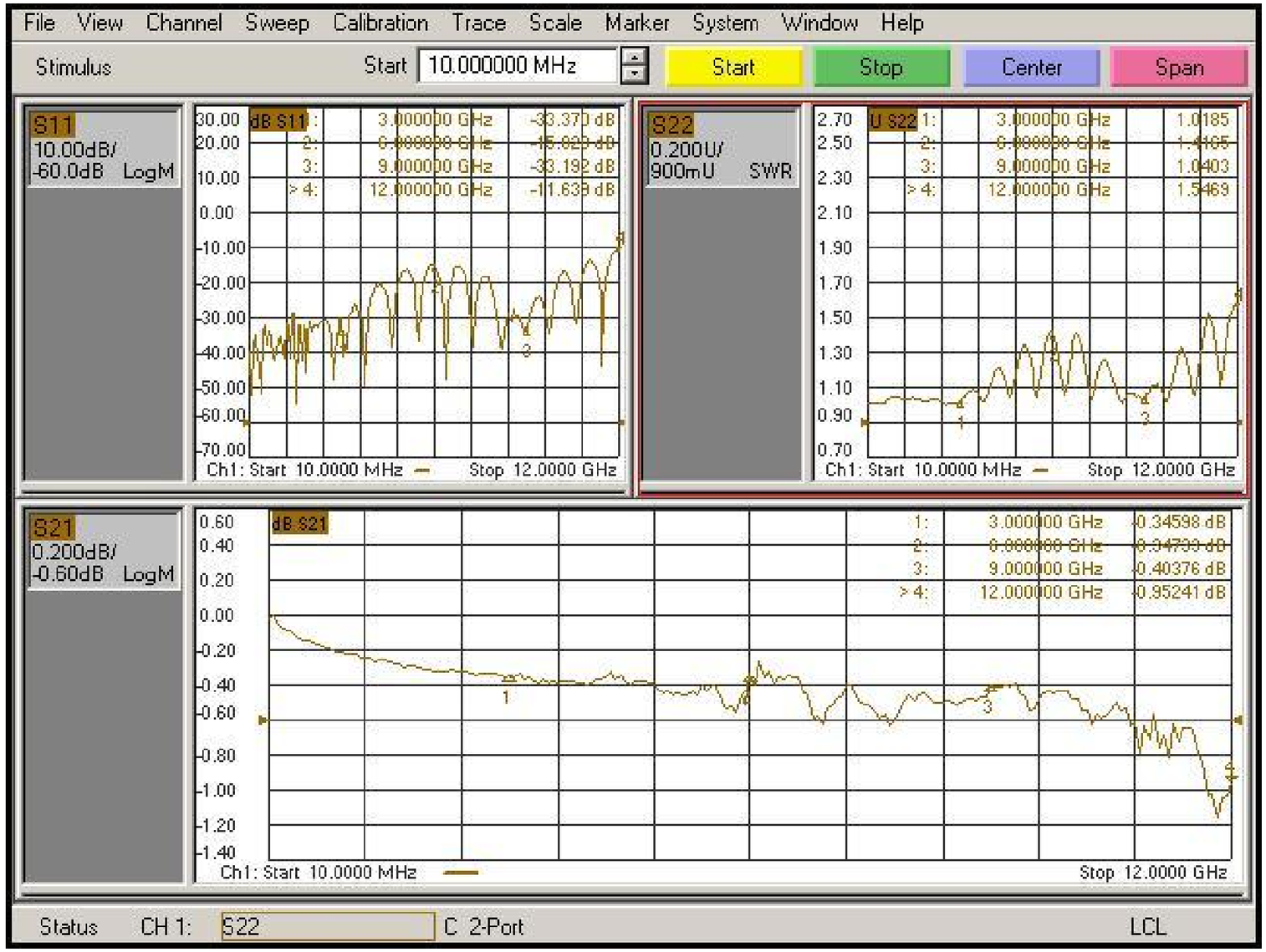
1.	Ni plating	50µ" MIN (under plating)
2.	Au plating	1~2µ" MAX (over finish 1)

Processing:

Centre Contact	Solder recommended & crimp capable
Ferrule	Crimp

Cable Group DM:

CFKOAX1.01



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 Millard	Checked by Peter Millard	Approved by	©2026	Date 05 Sep 2023	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 Plug 12GHz Slim Body Cable Mount for Cable Group DM			
			Part No: XPT-D004-NGDM Cust		Issue 1.1	Sheet 2 / 2