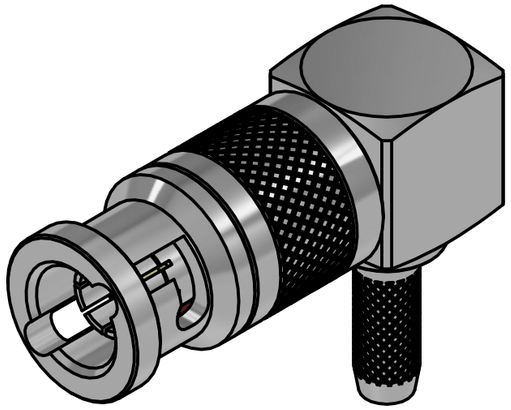
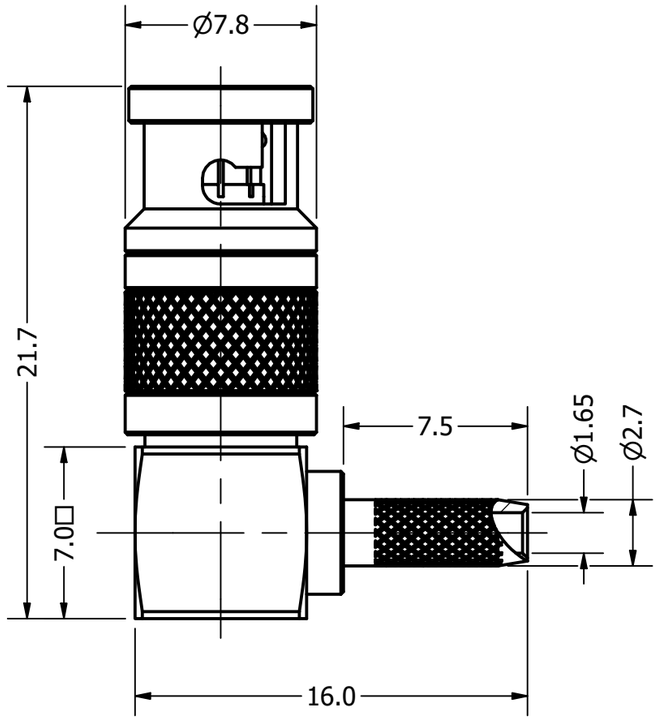
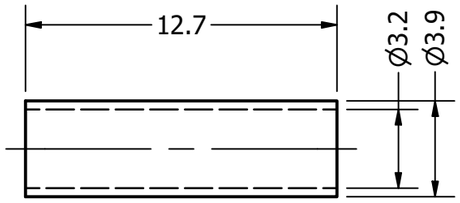
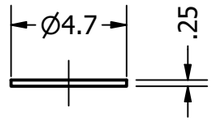
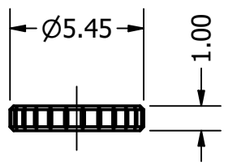
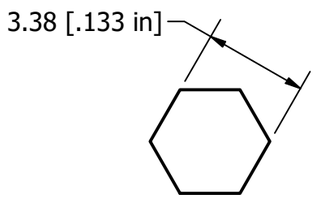




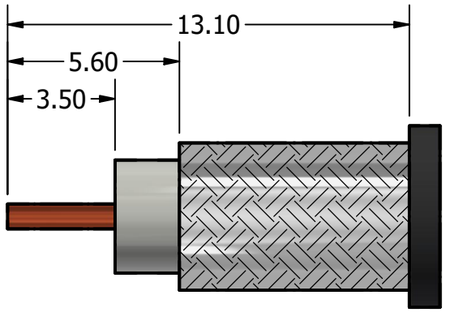








Recommended crimping dimension for ferrule



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
6	Spacer	PET	None
7	Cap	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	17 Jun 2021	Peter Fayers
1.1	Format Update	FB / INT	27 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

Unit of Measure: millimeters (mm)

Third Angle Projection

Designed by Peter Fayers

Checked by Martin Smith

Approved by

©2026

Date 17/06/2021

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Description:
75Ω Micro BNC Plug 12GHz Right Angle Cable Mount for Cable Group AF

Part No: XPT-D005-NGAF Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D005-NGAF

Electrical:

Impedance	75Ω
Frequency range	DC ~ 12.0 GHz
Working voltage	170 VRMS
Dielectric withstanding voltage	500 VRMS
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
Ferrule	Crimp

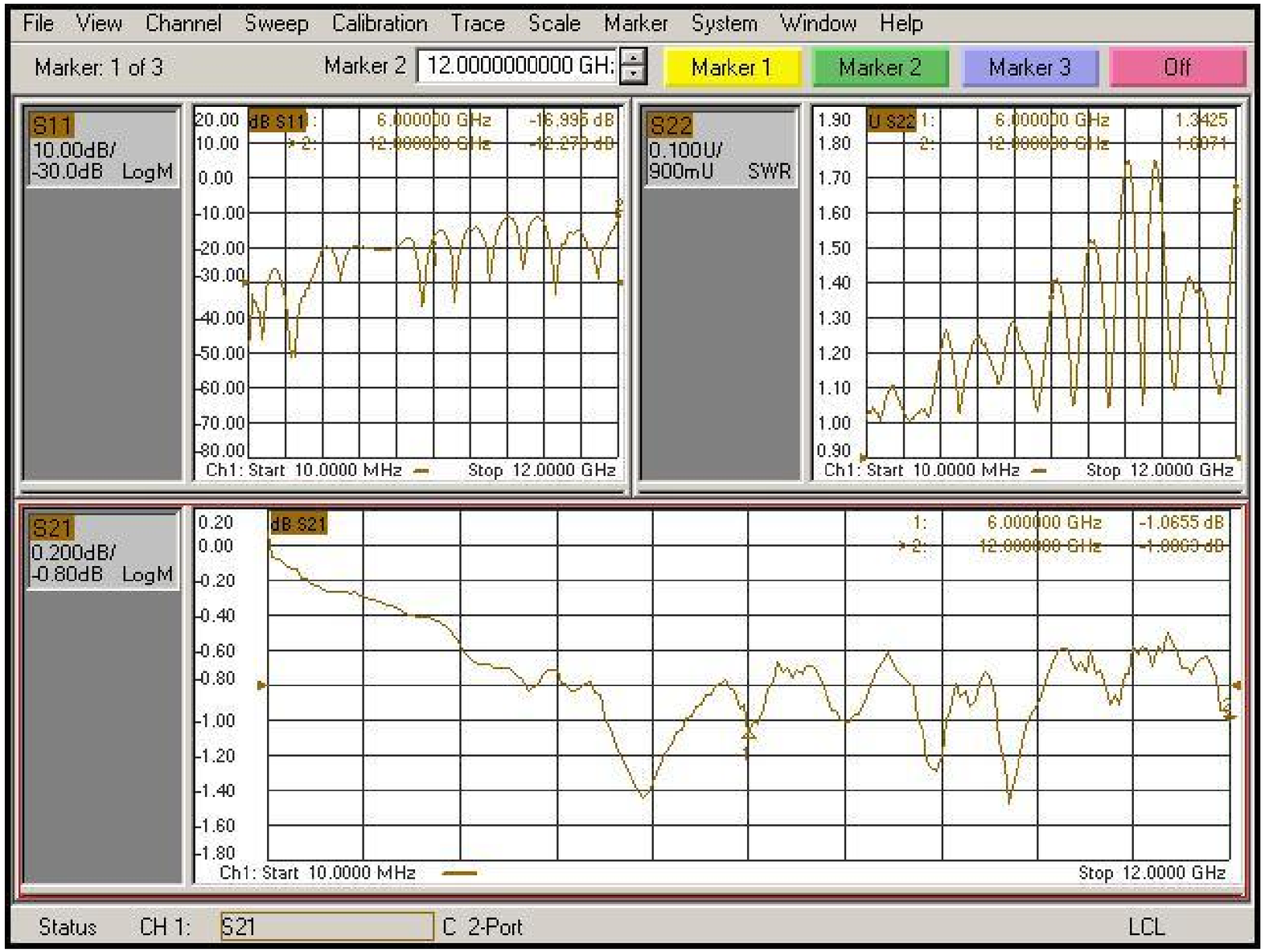
Cable Group AF:

RG179

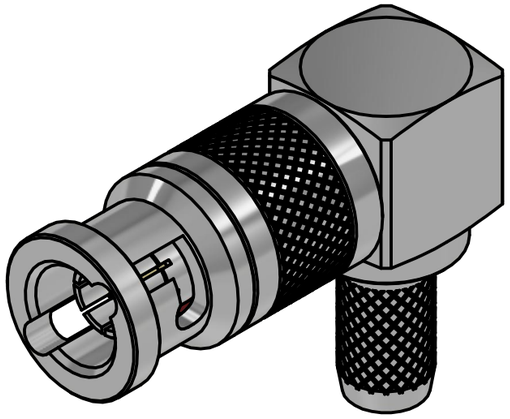
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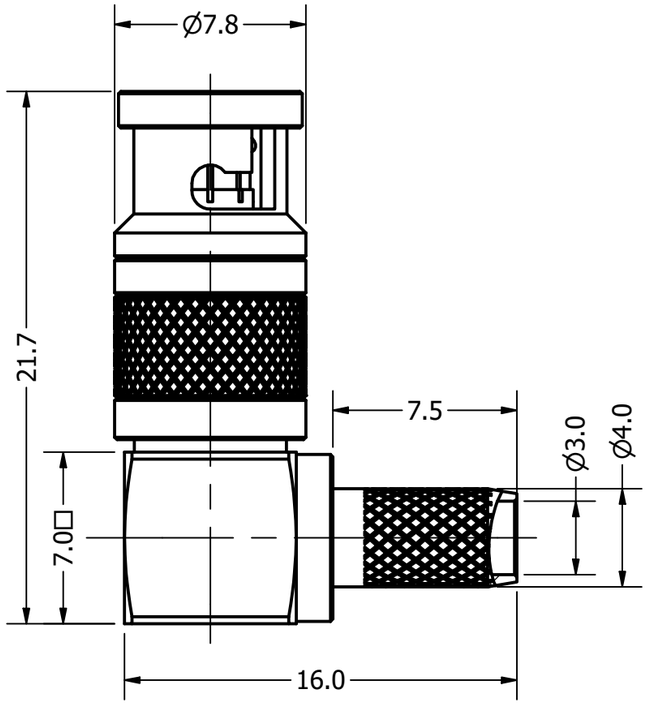
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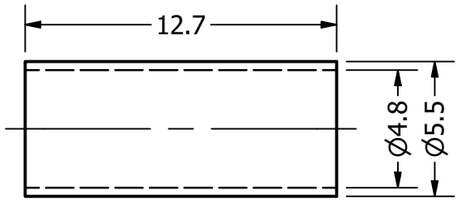
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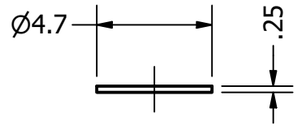


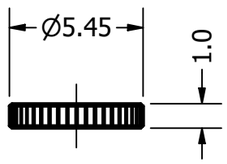
Design Right Protected	Material:	Finish:	x.x ±0.20 x.xx ±0.10 x.xxx ±0.05 Angular ±1°	DO NOT SCALE	
				Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Peter Fayers	Checked by Martin Smith	Approved by	©2026	Date 17/06/2021	A3
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			Part No: XPT-D005-NGAF Cust	Issue 1.1	Sheet 2 / 2

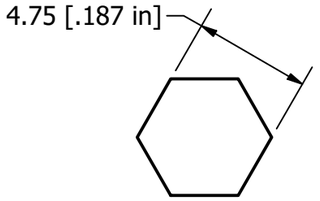




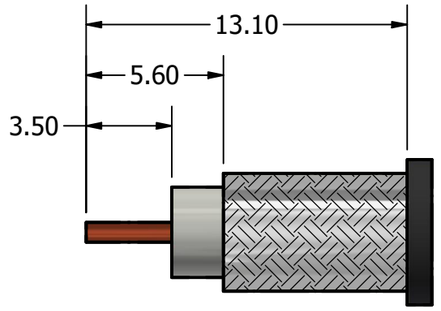








Recommended crimping dimension for ferrule



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
6	Spacer	PET	None
7	Cap	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	02 Nov 2022	Peter Fayers
1.1	Updated Format	FB / INT	27 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

Unit of Measure: millimeters (mm)

Third Angle Projection

Designed by Peter Fayers

Checked by Martin Smith

Approved by

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Date 02/11/2022

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Description:
75Ω Micro BNC Plug 12GHz Right Angle Cable Mount for Cable Group BA

Part No: XPT-D005-NGBA Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D005-NGBA

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
Ferrule	Crimp

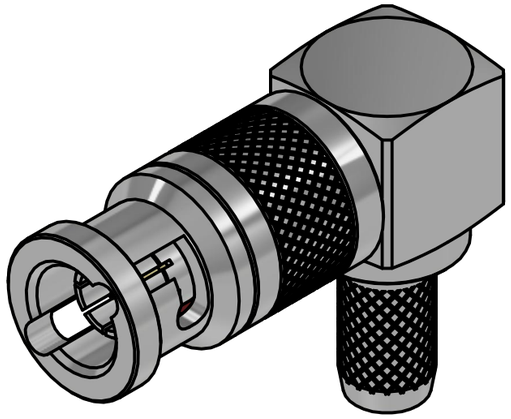
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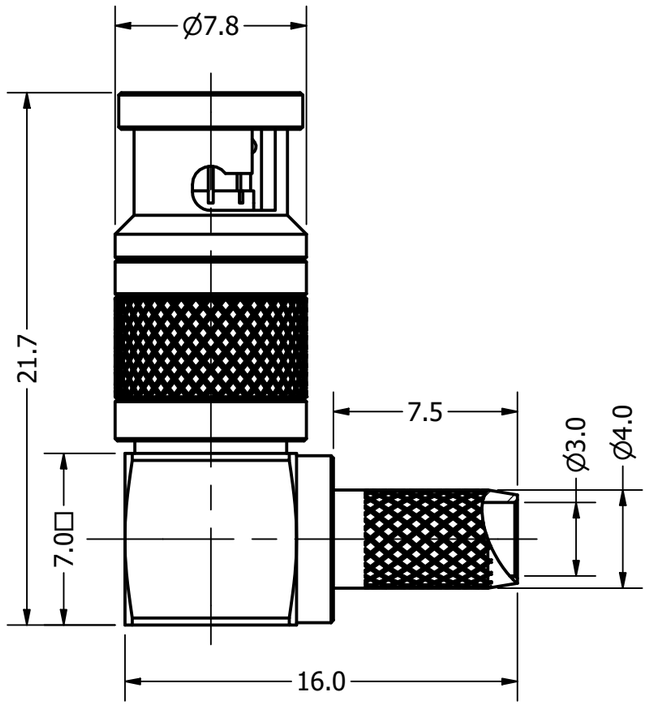
Belden 1855A

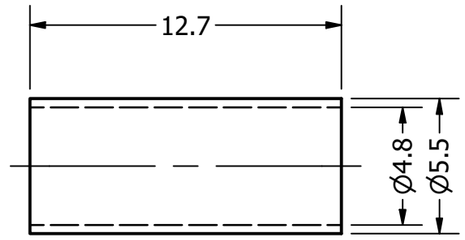
Belden 4855R

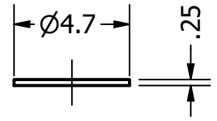
Mini RG59

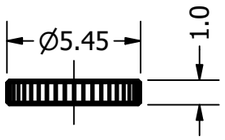
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Third Angle Projection	Designed by Peter Fayers	Checked by Martin Smith	Approved by	©2026	Date 02/11/2022	A3
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			Part No: XPT-D005-NGBA Cust		Issue 1.1	Sheet 2 / 2

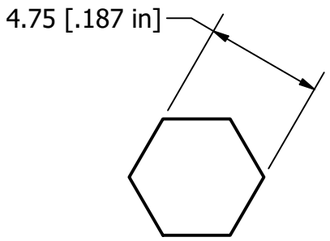




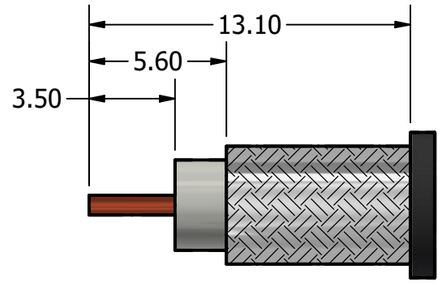








Recommended crimping dimension for ferrule



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
6	Spacer	PET	None
7	Cap	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	05 Aug 2020	Peter Fayers
1.1	Updated Format	FB / INT	27 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

Unit of Measure: millimeters (mm)

Third Angle Projection

Designed by Peter Fayers

Checked by Martin Smith

Approved by

©2026

Date 05/08/2020

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Description:
75Ω Micro BNC Plug 12GHz Right Angle Cable Mount for Cable Group BG

Part No: XPT-D005-NGBG Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D005-NGBG

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
Ferrule	Crimp

Cable Group BG:

Belden 1855A

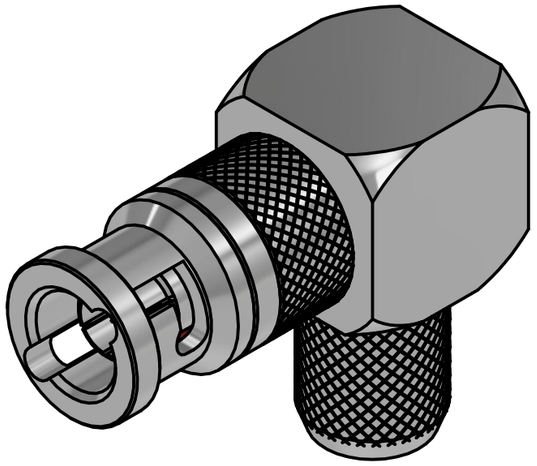
Belden 1855ENF

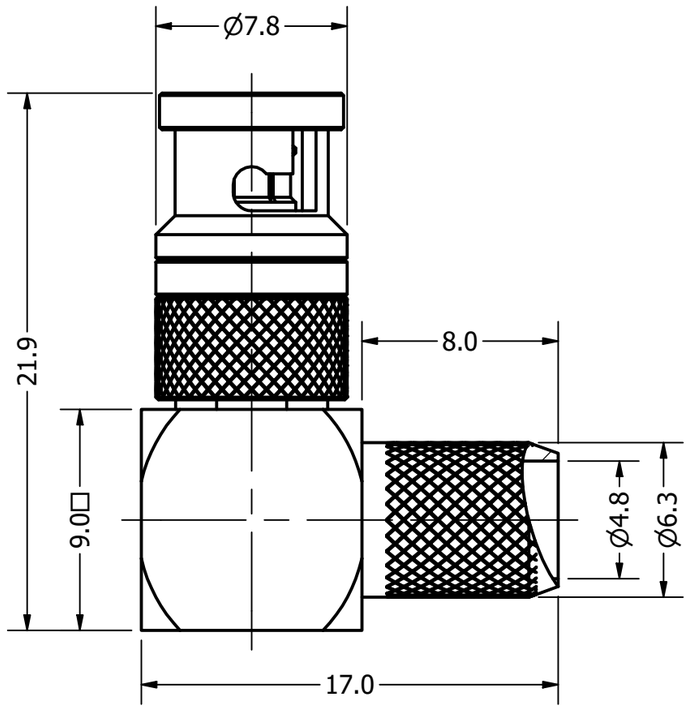
Belden 1855ENH

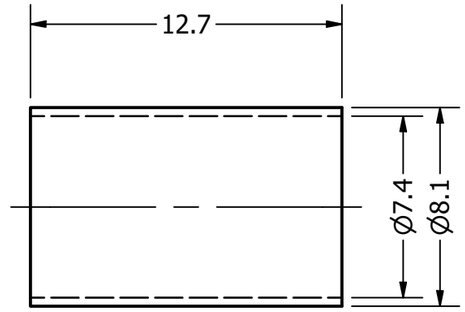
Belden 4855R

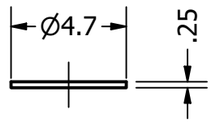
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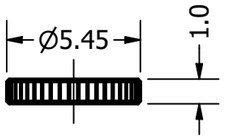
Design Right Protected	Material:	Finish:		x.x ±0.20 x.xx ±0.10 x.xxx ±0.05 Angular ±1°	DO NOT SCALE Unit of Measure: millimeters (mm)	
Third Angle Projection	Designed by Peter Fayers	Checked by Martin Smith	Approved by	©2026	Date 05/08/2020	A3
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			Part No: XPT-D005-NGBG Cust		Issue 1.1	Sheet 2 / 2

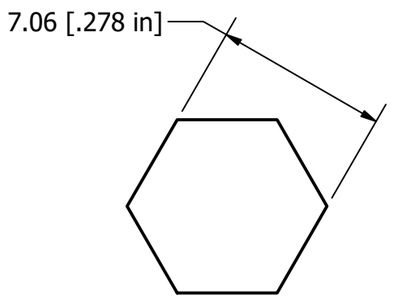




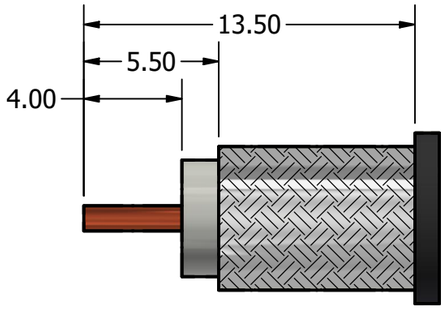








Recommended crimping dimension for ferrule



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	Spacer	PET	None
6	Cap	Brass	Finish 1
7	Ferrule	Brass	Finish 1

REVISION HISTORY				
REV	DESCRIPTION	CHG REF	DATE	DESIGNER
1.0	Origin	-	29 Sep 2020	Peter Fayers
1.1	Updated Format	FB / INT	27 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

Unit of Measure: millimeters (mm)

Third Angle Projection

Designed by Peter Fayers

Checked by Martin Smith

Approved by

©2026

Date 29/09/2020

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Description:
75Ω Micro BNC Plug 12GHz Right Angle Cable Mount for Cable Group BH

Part No: XPT-D005-NGBH Cust

Issue 1.1

Sheet 1 / 2

Source:E:\Cambridge Connectors\Live Products\Engineering Data\(P) Micro BNC\XPT-D005-NGBH

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
Ferrule	Crimp

Cable Group BH:

Belden 1694A

Belden 1694F

Belden 4694R

Canford SDV-F-R

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 Martin Smith	Approved by	©2026	Date 29/09/2020	A3
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			Part No: XPT-D005-NGBH Cust		Issue 1.1	Sheet 2 / 2