

A1694AMHD3

Mini BNC-Connector, 75 Ohm, Straight, Male(Plug), Crimp Type

	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents: Connector Termination .pdf</p>
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Description:

Mini BNC-connector, 75 Ohm, Straight Male (Plug), Crimp to suit Belden coaxial cable 1694A.

SUITABLE APPLICATIONS:

Suitable Applications	Suitable for analog and digital applications with a bandwidth requirement of up to 4.5 GHz including data, audio and video. Can be used for HDTV application up to 1080p.
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PHYSICAL CHARACTERISTICS:

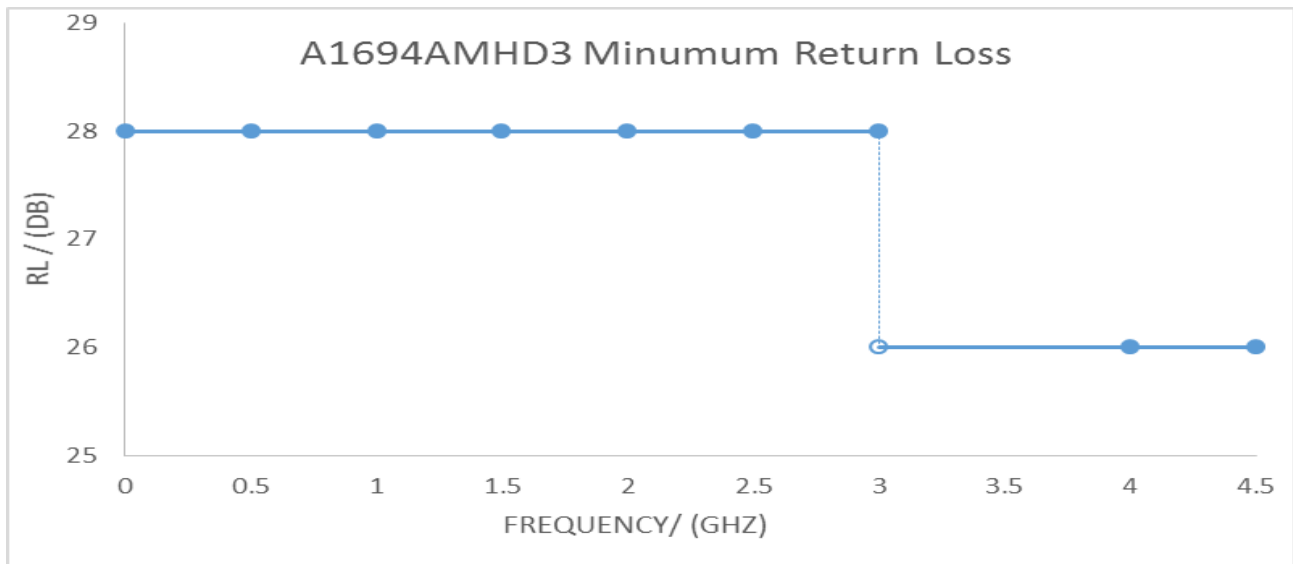
Connector Type	Mini BNC
Matched Cable	Belden coaxial cable 1694A
Central Contact	Male (Plug)
Configuration	Straight
Mating Style	2-stud bayonet lock
Center Contact Material and Plating	Phosphor Bronze, gold plated
Body Material and Plating	Brass, nickel plated
Cable Connection Method	Crimp

ELECTRICAL CHARACTERISTICS:

Characteristic Impedence	75 Ohm
Frequency Range	DC to 4.5 GHz
Working Voltage	300 V(rms)
Contact Resistance	< 0.005 Ohm for center contact < 0.0025 Ohm for outer contact
Insulation Resistance	≥ 10000 MOhm
Return Loss (As below graph shows)	

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MECHANICAL CHARACTERISTICS:

Durability	≥ 500 cycles
Cable Retention Force	> 30 lbs

ENVIRONMENTAL CHARACTERISTICS:

Working Temperature Range	- 65°C to + 165°C
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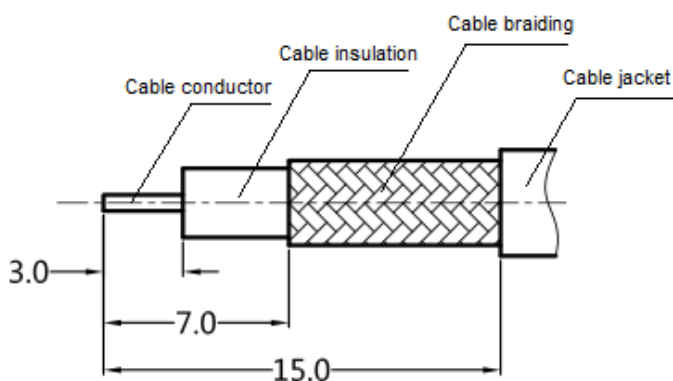
APPLICABLE STANDARDS:

MIL-C-39012 except Impedance
MIL-STD-202
EU RoHS Compliant

NOTES:

- Cutting, Stripping and Crimping tools required to facilitate fast and efficient installation.
- Belden coax cutting, stripping tool and crimping tool applicable to be used, please see the table below for the part no. of matched tool.

RECOMMENDED CABLE STRIPPING DIMENSIONS (Unit: mm)



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ITEMS AND PUT-UPS:

Item	Description	Put ups*	Matched Cutting Tool	Matched Stripping Tool	Matched Crimping Tool
A1694AMHD3S01	MINI BNC CONN 75 OHM S/M CRIMP 1694A	1 pcs	AP105230	AP105222	AP105210
A1694AMHD3B25	MINI BNC CONN 75 OHM S/M CRIMP 1694A	25 pcs			(Unload Crimping Tool)
A1694AMHD3B50	MINI BNC CONN 75 OHM S/M CRIMP 1694A	50 pcs			AP105212 (Die Set)

* Belden have three types packages as single pack, 25 pcs bulk pack and 50 pcs bulk pack for choice.

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