

## A7731ABHD3

### 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: <a href="#">Connector Termination .pdf</a></p>
---	---

#### Description:

BNC-connector, 75 Ohm, Straight Male (Plug), Crimp to suit Belden coaxial cable 7731A.

#### 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.
-----------------------	---

#### PHYSICAL CHARACTERISTICS:

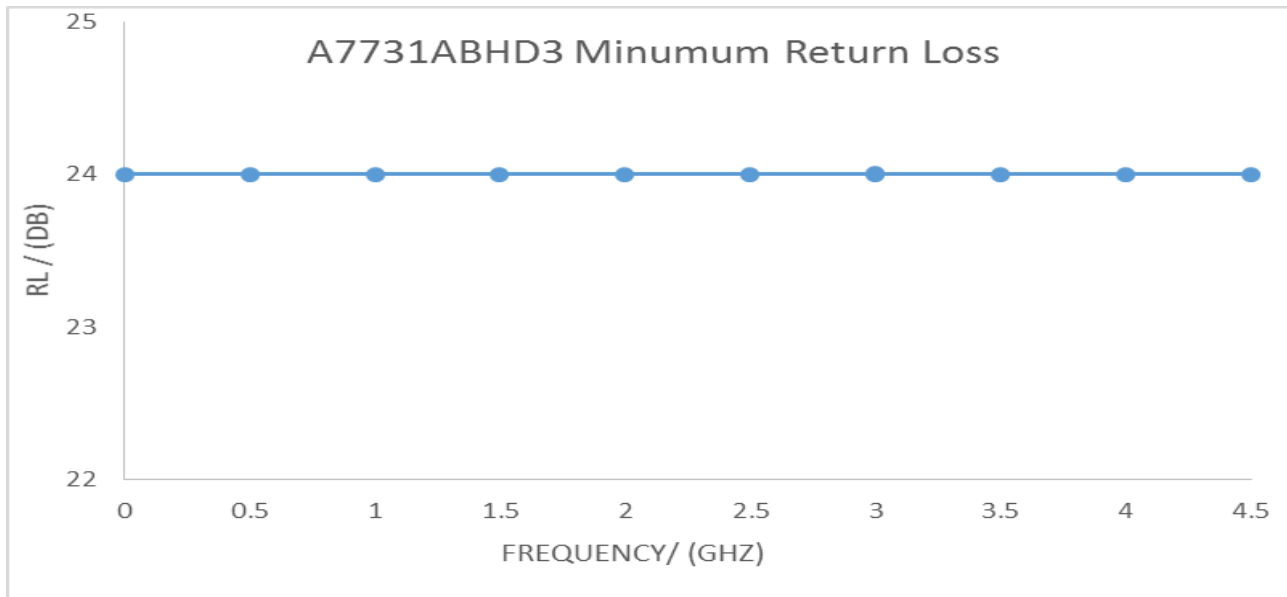
Connector Type	BNC
Matched Cable	Belden coaxial cable 7731A
Matched Coupler	Belden coupler A7731ABCO1
Central Contact	Male (Plug)
Configuration	Straight
Mating Style	2-stud bayonet lock
Center Contact Material and Plating	Brass, gold plated
Body Material and Plating	Brass, nickel plated
Cable Connection Method	Crimp

#### ELECTRICAL CHARACTERISTICS:

Characteristic Impedence	75 Ohm
Frequency Range	DC to 4.5 GHz
Working Voltage	300 V(rms)
Contact Resistance	< 0.0015 Ohm for center contact < 0.0002 Ohm for outer contact
Insulation Resistance	≥ 5000 MOhm
Return Loss (As below graph shows)	

## A7731ABHD3

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



#### MECHANICAL CHARACTERISTICS:

Durability	≥ 500 cycles
Cable Retention Force	> 30 lbs

#### ENVIRONMENTAL CHARACTERISTICS:

Working Temperature Range	- 65°C to + 165°C
---------------------------	-------------------

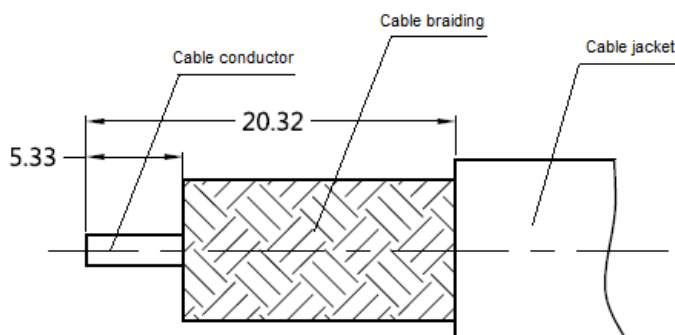
#### APPLICABLE STANDARDS:

MIL-C-39012
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)



## A7731ABHD3

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

#### ITEMS AND PUT-UPS:

Item	Description	Put ups*	Matched Cutting Tool	Matched Stripping Tool	Matched Crimping Tool
A7731ABHD3S01	BNC CONN 75 OHM S/M CRIMP 7731A	1 pcs	AP105230	AP105220	AP105200 (Unload Crimping Tool)  AP105201 (Die Set)
A7731ABHD3B25	BNC CONN 75 OHM S/M CRIMP 7731A	25 pcs			
A7731ABHD3B50	BNC CONN 75 OHM S/M CRIMP 7731A	50 pcs			

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

Revision Number: 2

Revision Date: 5/9/2016

©Copyright 2016 Belden, Inc  
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & amp; Cable Mfgs.(San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.