

## A1855ABHD3

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



#### Description:

BNC-connector, 75 Ohm, Straight Male (Plug), Crimp to suit Belden coaxial cable 1855A.

#### 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:

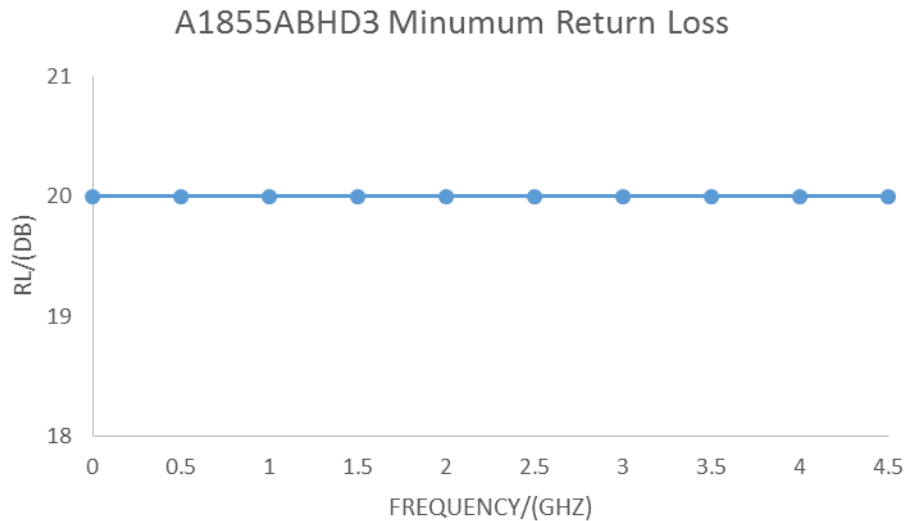
Connector Type	BNC
Matched Cable	Belden coaxial cable 1855A
Central Contact	Male (Plug)
Configuration	Straight
Mating Style	2-stud bayonet lock
Center Contact Material and Plating	Brass, gold plated
Body Material and Plating	Brass, nickel plated
Cable Connection Method	Crimp

#### ELECTRICAL CHARACTERISTICS:

Characteristic Impedence	75 Ohm
Frequency Range	DC to 4.5 GHz
Working Voltage	500 V(rms)
Contact Resistance	< 0.0025 Ohm for center contact < 0.001 Ohm for outer contact
Insulation Resistance	≥ 5000 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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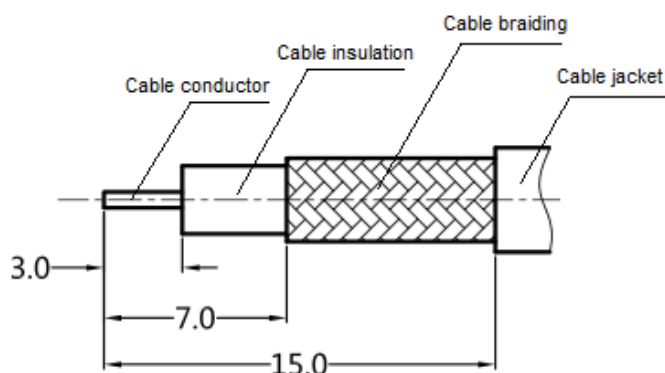
#### APPLICABLE STANDARDS:

MIL-C-39012
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
A1855ABHD3S01	BNC CONN 75 OHM S/M CRIMP 1855A	1 pcs	AP105230	AP105221	AP105210 (Unload Crimping Tool)  AP105211 (Die Set)
A1855ABHD3B25	BNC CONN 75 OHM S/M CRIMP 1855A	25 pcs			
A1855ABHD3B50	BNC CONN 75 OHM S/M CRIMP 1855A	50 pcs			

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

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