

## A7731ABTR1 BNC-Connector, 75 Ohm, Straight Male (Plug), Terminal

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

BNC-connector, 75 Ohm, Straight Male (Plug), Terminal, suit Belden coupler A7731ABCO1.

### 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.
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### PHYSICAL CHARACTERISTICS:

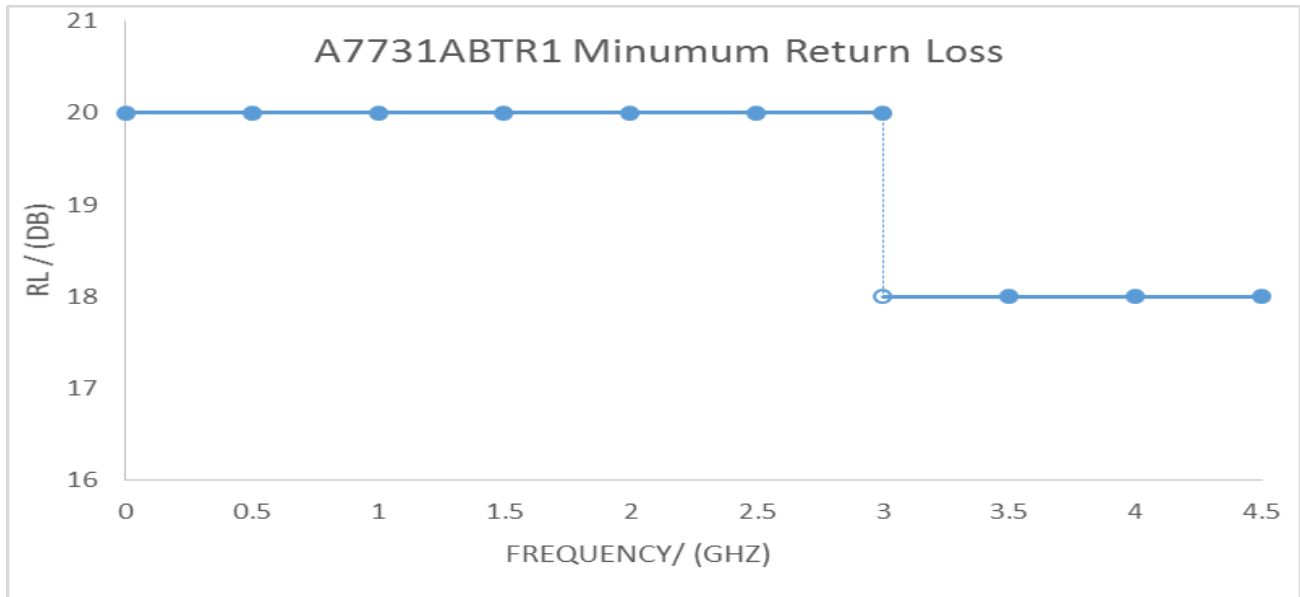
Connector Type	BNC
Matched Coupler	Belden coupler A7731ABCO1
Central Contact	Male (Plug)
Configuration	Straight
Mating Style	2-stud bayonet lock
Center Contact Material and Plating	Brass, gold plated
Body Material and Plating	Brass, nickel plated

### 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
Return Loss (As below graph shows)	

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**MECHANICAL CHARACTERISTICS:**

Durability	≥ 500 cycles
Bayonet Retention Force	> 100 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

**ITEMS AND PUT-UPS:**

Item	Description	Put ups*
A7731ABTR1S01	BNC CONN 75 OHM S/M TERMINAL 7731A	1 pcs
A7731ABTR1B25	BNC CONN 75 OHM S/M TERMINAL 7731A	25 pcs
A7731ABTR1B50	BNC CONN 75 OHM S/M TERMINAL 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

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