

A7731ABCP3 BNC-Coupler, 75 Ohm, Straight Female

	<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:

BNC-Coupler, 75 Ohm, Straight Female, suit Belden connector A7731ABHD3 and terminal A7731ABTR1.

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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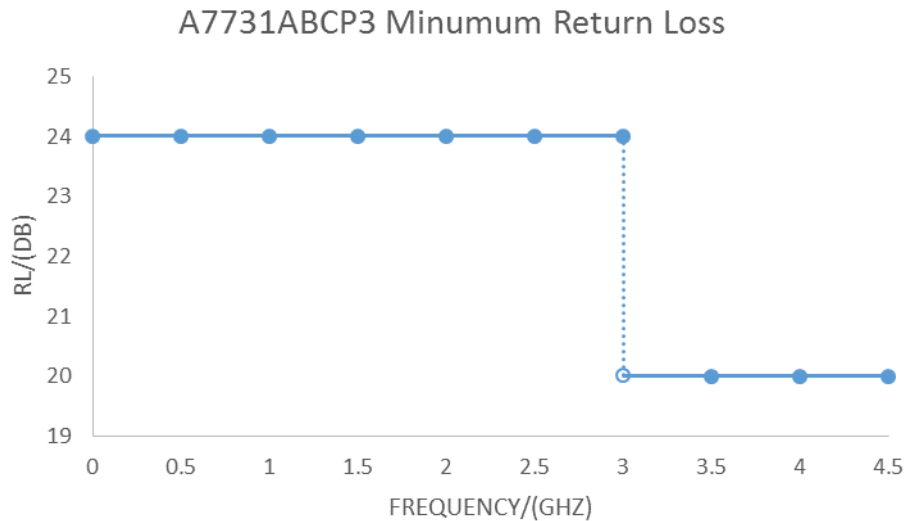
PHYSICAL CHARACTERISTICS:

Connector Type	BNC
Matched Connector	Belden connector A7731ABHD3 Belden terminal A7731ABTR1
Central Contact	Female (coupler)
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
Insulation Resistance	≥ 5000 MOhm
Return Loss (As below graph shows)	

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MECHANICAL CHARACTERISTICS:

Durability	≥ 500 cycles
Center Contact Retention Force	> 6 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*
A7731ABCP3S01	BNC CONN 75 OHM S/F COUPLER 7731A	1 pcs
A7731ABCP3B25	BNC CONN 75 OHM S/F COUPLER 7731A	25 pcs
A7731ABCP3B50	BNC CONN 75 OHM S/F COUPLER 7731A	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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