



Product: [A4855RHUHD3S01](#)

12GHz, 75 Ohm, Straight Crimp HD-BNC Plug for 4855R Cable



Product Description

12GHz, Series 59 Mini UHD, HD-BNC connector, 3 piece connector suitable for Belden 4855R, 4K UHD Precision Video RG-59 Mini Coax Cable

Technical Specifications

Product Overview

Suitable Applications:	HD-SDI, UHD-SDI, Video, Digital Video, SMPTE 2082-1 12 Gb/s UHD TV, SMPTE 2081-1 6 Gb/s UHD TV, SMPTE 424M 3 Gb/s HD-SDI 1080P
------------------------	--

Physical Characteristics (Overall)

Packaging:	1 set per plastic bag
Number of Pieces:	3

Connectors

Materials

Description	Material
Body, Ferrule and Bayonet Sleeve	Brass, Nickel Plating
Contact	Gold plating phosphor bronze
Outer contact	BeCu, Nickel plating
Spring	Stainless steel.
Insulation	PTFE

Electrical Characteristics

Insulation Resistance:	$\geq 10,000$ MOhm
------------------------	--------------------

Impedance

Nominal Characteristic Impedance
75 Ohm

Return Loss (RL)

Frequency [MHz]	Minimum Return (RL)
5-6000	30 dB
6000-12000	15 dB

Temperature Range

Operating Temperature Range:	-65°C To +165°C
------------------------------	-----------------

Mechanical Characteristics

Footprint/Type:	Coax
Connector Interface Type:	BNC
Gender:	Male - plug
Connector Series Name:	UHD
Locking:	No
Tool Compatibility:	AP105210 (crimp no diet), AP105243 (mated die)
Termination Type:	Crimp

Termination Front Connection Durability:	≥ 500 cycles
--	--------------

Standards

RG Type:	Mini 59
----------	---------

Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2011/65/EU (RoHS 2):	Yes

Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	No

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

History

Update and Revision:	Revision Number: 0.21 Revision Date: 04-08-2022
----------------------	---

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.