




Product: [1859A](#) 

Triax, RG11, 15 AWG Str BC, Double BC Braids, PVDF Jkt, CMP

Product Description

Triax, RG11, 15 AWG (19x27) Bare Copper Conductor, FEP Insulation, 95% Bare Copper Braid Shield, PVDF Insulation, 90% Bare Copper Braid Shield, PVDF Jacket, CMP

Technical Specifications

Product Overview

Suitable Applications:	Analog Video; Interconnect camera to CCU (camera control unit)
------------------------	--

Construction Details

RG Type:	11
----------	----

Conductor

AWG	Stranding	Nom. Diameter	Material
15	19x27	0.064 in	BC - Bare Copper

Insulation

Material	Nom. Diameter
FEP - Fluorinated Ethylene Propylene (Foam)	0.285 in

Inner Shield Material

Layer	Inner Shield Type	Material	Coverage
1	Braid	Bare Copper (BC)	95%

Inner Jacket Material

Material	Nom. Diameter
PVDF - Polyvinylidene Fluoride	0.350 in

Outer Shield Material

Layer	Outer Shield Type	Material	Coverage
1	Braid	Bare Copper (BC)	90%

Outer Jacket Material

Material	Nom. Diameter
PVDF - Polyvinylidene Fluoride	0.406 in

Electrical Characteristics

Return Loss (RL)

Frequency [MHz]	Min. Return Loss [dB]
5 - 850 MHz	21 dB
850 - 4500 MHz	15 dB

Attenuation

Frequency	Nom. Attenuation [dB/100ft]
1 MHz	0.10 dB/100ft
3.6 MHz	0.20 dB/100ft

10 MHz	0.50 dB/100ft
71.5 MHz	1.30 dB/100ft
135 MHz	1.90 dB/100ft
270 MHz	3.00 dB/100ft
360 MHz	3.60 dB/100ft
540 MHz	4.50 dB/100ft
720 MHz	5.40 dB/100ft
750 MHz	5.60 dB/100ft
1000 MHz	6.60 dB/100ft
1500 MHz	9.50 dB/100ft
2000 MHz	11.90 dB/100ft
2250 MHz	13.20 dB/100ft
3000 MHz	17.90 dB/100ft
4500 MHz	28.90 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Impedance
3.0 Ohm/1000ft	1.4 Ohm/1000ft	1.3 Ohm/1000ft	16.5 pF/ft	75 Ohm

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Rating	Operating
125°C	-20°C to +125°C

Bend Radius

Installation Min.
4.0 in

Bulk Cable Weight:	127 lbs/1000ft
Max. Pull Tension:	209 lbs

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	NFPA 262, NFPA 262, FT6
NEC / UL Compliance:	CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.328 Revision Date: 08-25-2020
----------------------	--

© 2020 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.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Coaxial Cables](#) category:

Click to view products by [Belden](#) manufacturer:

Other Similar products are found below :

[89880-003-1000](#) [633948-877-1000](#) [CY2389-000](#) [8213-010-1000](#) [8221-010-U1000](#) [8233-010-1000](#) [88281-010-500](#) [1322R-010-1000](#) [177799-000](#) [1807A-B59-U1000](#) [9167-010-1000](#) [9251-010-1000](#) [9275-010-U1000](#) [935240-000](#) [9659-010-1000](#) [980704-001](#) [CF2823-000](#) [33312-010-500](#) [CZ1589-000](#) [5022W0809-0CS3263](#) [10610-4-4](#) [EF8108-000](#) [1673B TIN100](#) [672525-001](#) [144517-000](#) [8-1616396-1](#) [8263-010-U1000](#) [8263 010U500](#) [8268-010-500](#) [8262 010U1000](#) [7915A 009U1000](#) [5024A1311-0](#) [TRC-75-1](#) [1281S5 010250](#) [1281S5 000250](#) [1530A 010U1000](#) [1505A 0081000](#) [9248 010U1000](#) [CO-142BNCX200-001](#) [7809WB 010500](#) [9244 0101000](#) [1694A 0081000](#) [9204 0101000](#) [8241F J5C1000](#) [1530A 0101000](#) [1674A TIN50](#) [7915A 0091000](#) [7915A 010500](#) [TWCH-78-2](#) [TWC-78-1](#)