



Product: [1857A](#)

Triax, RG59, 22 AWG Str BC, Double 95% BC Braids, Belflex® Jkt, Flexible

Product Description

Triax, RG59, 22 AWG (19x34) Bare Copper Conductor, PE Insulation, 95% Bare Copper Braid Shield, PE Insulation, 95% Bare Copper Braid Shield, Belflex® Jacket, Flexible

Technical Specifications

Product Overview

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

RG Type:	59
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Conductor

AWG	Stranding	Nom. Diameter	Material
22	19x34	0.031 in	BC - Bare Copper

Insulation

Material	Nom. Diameter
PE - Polyethylene (Foam)	0.143 in

Inner Shield

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

Inner Jacket

Material	Nom. Diameter
PE - Polyethylene	0.216 in

Outer Shield

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

Outer Jacket

Material	Nom. Diameter
PVC - Polyvinyl Chloride	0.360 in

Electrical Characteristics

Return Loss (RL)

Frequency [MHz]	Min. Return Loss [dB]
5 - 850 MHz	21 dB
850 - 3000 MHz	15 dB

Attenuation

Frequency	Nom. Attenuation [dB/100ft]
1 MHz	0.30 dB/100ft
3.6 MHz	0.50 dB/100ft

10 MHz	0.80 dB/100ft
71.5 MHz	2.20 dB/100ft
135 MHz	3.10 dB/100ft
270 MHz	4.50 dB/100ft
360 MHz	5.40 dB/100ft
540 MHz	6.80 dB/100ft
720 MHz	8.10 dB/100ft
750 MHz	8.40 dB/100ft
1000 MHz	10.10 dB/100ft
1500 MHz	13.30 dB/100ft
2250 MHz	17.60 dB/100ft
3000 MHz	21.40 dB/100ft

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity
14.0 Ohm/1000ft	2.5 Ohm/1000ft	1.6 Ohm/1000ft	17.0 pF/ft	75 Ohm	77%

Voltage

Non-UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

Operating
-45°C to +60°C

Bend Radius

Installation Min.
3.6 in

Bulk Cable Weight:	78 lbs/1000ft
Max. Pull Tension:	102 lbs

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor
Sustainability:	CA Prop 65
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.295 Revision Date: 05-26-2021
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