



Product: [8794](#)

Electronic, 3 C #22 Sol BC, PO Ins, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 3 Conductor 22AWG (Solid) Bare Copper, PO Insulation, PVC Outer Jacket, CM

Technical Specifications

Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage control (24v, ...); line level audio; voice communications; panel wiring
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
22	Solid	BC - Bare Copper	0.026 in	3

Conductor Count:	3
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Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.018 in

Color Chart

Number	Color
1	Green
2	Red
3	Yellow

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.178 in	0.022 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor
16 pF/ft

Inductance

Nominal Inductance
0.22 μ H/ft

Delay

Nominal Velocity of Propagation (VP) [%]
66 %

Current

Max. Recommended Current [A]
3 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2093)
Operating Temp Range:	-30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	21 lbs/1000ft
Max Recommended Pulling Tension:	23 lbs
Min Bend Radius/Minor Axis:	2 in

Standards

NEC/(UL) Specification:	CM
UL AWM Style:	UL Style 2093 (300 V 60°C)

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
8794 6061000	Gray, Rose	Reel	1,000 ft	612825216520
8794 606U1000	Gray, Rose	UnReel	1,000 ft	612825216513

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision:	Revision Number: 0.299 Revision Date: 04-28-2020
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