



Product: [9794](#)

Electronic, 4 C #22 Sol BC, PO Ins, PVC Jkt, CM

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Product Description

Electronic, 4 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	No. of Conductors
22	Solid	BC - Bare Copper	4

Conductor Count:	4
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Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.018 in

Color Chart

Color
Green
Red
Yellow
Black

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.2 in	0.025 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

Max. Delay Skew	Nominal Velocity of Propagation (VP) [%]
66 ns/100m	66%

Current

Max. Recommended Current [A]
2.4 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2094)
Operating Temp Range:	-30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	24.8 lbs/1000ft
Max. Pull Tension:	31 lbs
Min Bend Radius/Minor Axis:	2 in

Standards

NEC/(UL) Compliance:	CM
UL AWM Style Compliance:	UL Style 2094 (300 V 60°C)
CPR Euroclass:	Eca

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, LS0H, Toxicity Testing

UL Flammability:	UL1685 UL Loading
IEC Flammability:	IEC 60332-1-2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	UPC
9794 6065000	Gray, Rose	612825258704
9794 6061000	Rose Gray	612825258698

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.282 Revision Date: 06-24-2020
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