



Product: [9962](#)

Electronic, 2 C #20 Str TC, PVC-NYL Ins, OA TC Brd, PVC Jkt

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Product Description

Electronic, 2 Conductor 20AWG (19x32) Tinned Copper, PVC-NYL Insulation, Overall Tinned Copper Braid(90%) Shield, PVC Outer Jacket

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
20	19x32	TC - Tinned Copper	2

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Layer	Material	Nominal Wall Thickness
1	PVC - Polyvinyl Chloride	0.011 in
2	Nylon	0.003 in

Color Chart

Number	Color
1	White
2	Black

Outer Shield Material

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	90 %

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.192 in	0.016 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
9.1 Ohm/1000ft	6.8 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
53 pF/ft	91 pF/ft

Inductance

Nominal Inductance
0.134 μ H/ft

Current

Max. Recommended Current [A]

3.8 Amps per conductor @ 25°C

Voltage**Non-UL Voltage Rating**

600 V RMS

Electrical Characteristics Notes: 500 megohms/1000 ft. @ 500 VDC

Temperature Range

UL Temp Rating: 105°C

Operating Temp Range: -20°C To +105°C

Mechanical Characteristics

Bulk Cable Weight: 22 lbs/1000ft

Max Recommended Pulling Tension: 30 lbs

Min Bend Radius/Minor Axis: 2 in

Standards

Military Specification: MIL-W-16878E/17 (insulated conductor)

Other Specification: NEMA HP3

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): 2005-10-01

MII Order #39 (China RoHS): Yes

Flammability, LSOH, Toxicity Testing

UL Flammability: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number**Variants**

Item #	Color	UPC	Footnote
9962 009100	White	612825265214	
9962 0091000	White	612825265221	C
9962 009500	White	612825265238	

Footnote: C - CRATE REEL PUT-UP.

History

Update and Revision: Revision Number: 0.291 Revision Date: 04-02-2020

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