



Product: [8762](#)

Electronic, 2 C #20 Str TC, PO Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 2 Conductor 20AWG (7x28) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM, Suitable for Audio, Control, and Instrumentation Applications

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Pairs
20	7x28	TC - Tinned Copper	1

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.017 in

Color Chart

Number	Color
1	Black & Clear

Outer Shield Material

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Alum / Poly	Beldfoil®	100 %	TC - Tinned Copper	20	7x28

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.204 in	0.028 in

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	6 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
9.5 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
27 pF/ft	49 pF/ft

Inductance

Nominal Inductance
0.18 µH/ft

Impedance

Nominal Characteristic Impedance
56 Ohm

Current

Element	Max. Recommended Current [A]
10C temperature rise	3.9 Amps per conductor @ 25°C ambient

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temp Rating:	60°C (UL AWM Style 2092)
Operating Temp Range:	-20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	21 lbs/1000ft
Max Recommended Pulling Tension:	46 lbs
Min Bend Radius/Minor Axis:	2.25 in

Standards

NEC Articles:	800
NEC/(UL) Specification:	CM
CEC/C(UL) Specification:	CM
UL AWM Style:	UL Style 2092 (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 2015/863/EU:	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

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	UL1685 UL Loading
CSA Flammability:	FT1
ISO/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	Putup Type	Length	UPC/EAN
8762.00U152	Chrome	UnReel	152 m	8719605019059
8762.00U305	Chrome	UnReel	305 m	8719605019066
8762.01152	Chrome	Reel	152 m	8719605019073

8762.01305	Chrome	Reel	305 m	8719605019080
8762.01610	Chrome	Reel	610 m	8719605019097
8762 060100	Chrome	Reel	100 ft	612825215363
8762 0601000	Chrome	Reel	1,000 ft	612825215370
8762 06010000	Chrome	Reel	10,000 ft	612825215387
8762 0602000	Chrome	Reel	2,000 ft	612825215394
8762 060250	Chrome	Reel	250 ft	612825215400
8762 060500	Chrome	Reel	500 ft	612825215417
8762 060U1000	Chrome	UnReel	1,000 ft	612825215349
8762 060U500	Chrome	UnReel	500 ft	612825215356
8762.K1305	Chrome	Reel	305 m	8719605019103

Footnote:	C - CRATE REEL PUT-UP.
Footnote:	Y - FINAL PUT-UP LENGTH MAY VAR -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

History

Update and Revision:	Revision Number: 0.306 Revision Date: 04-08-2020
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