



THE DATASHEET OF
8761 060500





Part Number: 8761

Electronic, 2 C #22 Str TC, PO Ins, OS, PVC Jkt, CM

[Request Sample](#)

Product Description

Electronic, 2 Conductor 22AWG (7x30) Tinned Copper, PO Insulation, Overall Beldfoil® Shield, PVC Outer Jacket, CM

Technical Specifications

Physical Characteristics (Overall)

Conductor	
AWG	No. of Pairs
22	1
Stranding: 7x30	
Material: TC - Tinned Copper	
Conductor Count: 2	
Total Number of Pairs: 1	
Conductor Size: 22 AWG	

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	Aluminum/Polyester	Beldfoil®	100 %	TC - Tinned Copper	22	Stranded mm

Outer Jacket Material		
Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.175 in	0.025 in

Construction and Dimensions

Cabling	
Lay Direction	Twists
Left Hand	6 twist/ft

Electrical Characteristics

Conductor DCR
Nominal Conductor DCR
16 Ohm/1000ft

Capacitance	
Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
24 pF/ft	47 pF/ft

Inductance

Nominal Inductance
0.2 µH/ft

Impedance

Nominal Characteristic Impedance
64 Ohm

Current

Element	Max. Recommended Current [A]
10C temperature rise	2.9 Amps per conductor @ 25°C ambient

Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 2092)

Temperature Range

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

Mechanical Characteristics

Bulk Cable Weight:	16 lbs/1000ft
Max Recommended Pulling Tension:	27 lbs
Min Bend Radius/Minor Axis:	1.75 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
CA Prop 65 (CJ for Wire & Cable):	Yes
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 (UL AWM Style 2092)

Plenum/Non-Plenum

Plenum (Y/N):	No
Plenum Number:	88761, 87761, 82761

Part Number

Variants

Item #	Color	UPC	Length	Footnote
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8761.00U152	Chrome		152 m	
8761.00U305	Chrome		305 m	
8761.01152	Chrome		152 m	
8761.01305	Chrome		305 m	
8761.01610	Chrome		610 m	
8761 0601000	Chrome	612825215257	1,000 ft	C
8761 06010000	Chrome	612825215264	10,000 ft	C Y
8761 06015000	Chrome	612825215288	15,000 ft	C Y
8761 0602000	Chrome	612825215295	2,000 ft	
8761 060500	Chrome	612825215301	500 ft	
8761 0605000	Chrome	612825215318	5,000 ft	C
8761 060U1000	Chrome	612825215233	1,000 ft	
8761 060U500	Chrome	612825215240	500 ft	
8761.K1305	Chrome		305 m	

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: 0.294 Revision Date: 07-11-2019
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