



Part Number: 8771

Audio/Control/Instrumentation, (3) 22 AWG (7x30) TC, PE/PVC, Foil Shld, CM

[Request Sample](#)

Product Description

Three 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
22	7x30	TC - Tinned Copper	3

Conductor Count:	3
Conductor Size:	22 AWG

Insulation

Material	Nominal Wall Thickness
PE - Polyethylene	0.017 in

Color Chart

Number	Color
1	Black
2	Red
3	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	7x30 mm

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.199 in	0.033 in

Construction and Dimensions

Cabling

Lay Direction	Twists
Left Hand	6 twist/ft

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Outer Shield DCR
15 Ohm/1000ft	11.7 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
23 pF/ft	41 pF/ft

Shielding:	Foil(s) or Copper Tape(s)
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Current

Element	Max. Recommended Current [A]
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10C Temperature Rise | 2.9 Amps per conductor @ 25°C ambient

Voltage

UL Voltage Rating

300 V RMS

Temperature Range

UL Temp Rating: 60°C (UL AWM Style 2093)

Operating Temp Range: -20°C To +60°C

Mechanical Characteristics

Bulk Cable Weight: 22 lbs/1000ft

Max Recommended Pulling Tension: 36 lbs

Min Bend Radius/Minor Axis: 2 in

Standards

NEC Articles: 800

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

UL AWM Style: UL Style 2093 (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): 2005-04-01

CA Prop 65 (CJ for Wire & Cable): Yes

MII Order #39 (China RoHS): Yes

Suitability

Suitability - Indoor: Yes

Flammability, LSOH, Toxicity Testing

UL Flammability: UL1685 UL Loading

CSA Flammability: FT1

UL voltage rating: 300 V RMS

Plenum/Non-Plenum

Plenum (Y/N): No

Part Number

Variants

Item #	Color	Footnote
8771.00U152	Chrome	
8771.00U305	Chrome	
8771.01152	Chrome	
8771.01305	Chrome	
8771 0601000	Chrome	C
8771 06010000	Chrome	C Y
8771 060250	Chrome	
8771 060500	Chrome	
8771 060U1000	Chrome	
8771 060U500	Chrome	

Footnote: C - CRATE REEL PUT-UP.

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