



Part Number: 8772

Audio/Control/Instrumentation, (3) 20 AWG (7x28) TC, PE/PVC, Foil Shld, CM

Product Description

Three 20 AWG stranded (7x28) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
20	7x28	TC - Tinned Copper	3
Total Number of Conductors:			3

Insulation:

Material	Nominal Wall Thickness
PE - Polyethylene	0.017 in

Color Chart 1:

Number	Color
1	Black
2	Red
3	Clear

Cabling 1:

Lay Length	Lay Direction	Twists
2 in	Left Hand	6 twist/ft

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil® (Z-Fold®)	100 %	TC - Tinned Copper	20	7x28 mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.218 in	0.033 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
10 Ohm/1000ft	8.9 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
27 pF/ft	51 pF/ft

Current:

Element	Max. Recommended Current [A]
10C Temperature Rise	4 Amps per conductor @ 25°C ambient

Voltage:

UL Voltage Rating
300 V RMS

Use

Suitability - Indoor:	Yes
Max Recommended Pulling Tension:	45 lbs

Safety

CSA Flammability:	FT1
UL Flammability:	UL1685 UL Loading

Temperature Range

Operating Temp Range:	-20°C To +60°C
UL Temp Rating:	60°C (UL AWM Style 2093)

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.25 in
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Part Number

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CEC/C(UL) Specification:	CEC/C(UL) Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC Articles:	NEC Articles
NEC/(UL) Specification:	NEC/(UL) Specification
UL AWM Style:	AWM Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Color	Put-Up Type	Length
8772 0601000	CHROME	Reel	1000 ft
8772 0605000	CHROME	Reel	5000 ft
8772 060500	CHROME	Reel	500 ft
8772 060U1000	CHROME	UnReel	1000 ft
8772 060U500	CHROME	UnReel	500 ft
8772.00152	CHROME	Reel	152 ft
8772.00305	CHROME	Reel	305 ft
8772.00U152	CHROME	UnReel	152 ft
8772.00U305	CHROME	UnReel	305 ft

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