



Part Number: 8735

Audio/Control/Instrumentation, (3) 22 AWG (7x30) TC,
PVC/PVC, TC Braid, CMG

Product Description

Three 22 AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, tinned copper braid shield (70% shield coverage), PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

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

Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

Color Chart 1:

Number	Color
1	Black
2	Red
3	White

Outershield 1:

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	70 %

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.202 in	0.025 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR	Nominal Outer Shield DCR
15 Ohm/1000ft	8.12 Ohm/1000ft

Capacitance:

Max. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
34 pF/ft	60 pF/ft

Current:

Max. Recommended Current [A]
2.9 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating
300 V RMS

Use

Max Recommended Pulling Tension:	57 lbs
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Safety

CSA Flammability:	FT4
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Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2095)

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.25 in
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Part Number

Plenum (Y/N):	No
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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/(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
8735 0601000	CHROME	Reel	1000 ft
8735 060500	CHROME	Reel	500 ft

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