



**Part Number:** 8743

Audio/Control/Instrumentation, (6 pr) 22 AWG Solid  
TC, PVC/PVC, CMG

## Product Description

Six 22 AWG pairs solid tinned copper conductors, twisted pairs, PVC insulation, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

AWG	Stranding	Material	No. of Pairs
22	Solid	TC - Tinned Copper	6
<b>Total Number of Conductors:</b>			12

#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.01 in

#### Color Chart 1:

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue
5	Black & Yellow
6	Black & Brown

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.293 in	0.032 in

## Electrical Characteristics

#### Conductor DCR:

Nominal Conductor DCR
16.5 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Conductor
30 pF/ft

#### Current:

Max. Recommended Current [A]
2 Amps per conductor @ 20°C

#### Voltage:

UL Description	UL Voltage Rating
CMG	300 V RMS
UL AWM Style 2576	150 V RMS

## Use

Max Recommended Pulling Tension:	60 lbs
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## Safety

CSA Flammability:	FT4
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UL Flammability:	UL1685 FT4 Loading
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## Temperature Range

Operating Temp Range:	-20°C To +80°C
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UL Temp Rating:	80°C (UL AWM Style 2576)
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	3 in
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## Part Number

Plenum (Y/N):	No
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Plenum Number:	82743 (Stranded conductors)
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## Standards

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

## Product Variants

Part Number	Color	Put-Up Type	Length
8743 0601000	CHROME	Reel	1000 ft

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