



**Part Number:** 8734

Audio/Control/Instrumentation, (3) 22 AWG (7x30) TC,  
PVC/PVC, (1) TC Braid, CM

## Product Description

Three 22AWG stranded (7x30) tinned copper conductors, conductors cabled, PVC insulation, 80% tinned copper braid shield over one conductor, PVC jacket.

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

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

<b>Total Number of Conductors:</b>	3
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#### Insulation:

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.016 in

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	White

#### Innershield:

Type	Material	Coverage [%]
Braid	TC - Tinned Copper	80 %

#### Outershield 1:

Material
Unshielded

#### Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.194 in	0.025 in

## Electrical Characteristics

#### Conductor DCR:

Element	Max. Conductor DCR	Nominal Inner Shield DCR
White Conductor Only	15 Ohm/1000ft	10 Ohm/1000ft

#### Capacitance:

Nom. Capacitance Conductor to Other Conductor to Shield
79 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

UL Flammability:	UL1685 UL Loading
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## Temperature Range

Operating Temp Range:	-20°C To +80°C
UL Temp Rating:	80°C (UL AWM Style 2785)

## Mechanical Characteristics

Min Bend Radius/Minor Axis:	2 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)
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

Notes:	Inner Shield over white conductor only.
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## Product Variants

Part Number	Color	Put-Up Type	Length
8734 0601000	CHROME	Reel	1000 ft

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