



**Part Number:** 9770

Audio, Control and Instrumentation Cable

## Product Description

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, polypropylene insulation, overall Beldfoil® aluminum-polyester shield (100% coverage), 22 AWG stranded tinned copper drain wire, 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

#### Insulation:

Material	Nominal Wall Thickness
PP - Polypropylene	0.009 in

#### Color Chart 1:

Number	Color
1	Black
2	Red
3	White

#### Outersheild 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	22	19x34 mm

## Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.145 mm	0.02 mm

## Electrical Characteristics

### Conductor DCR:

Nominal Conductor DCR
16 Ohm/km

### Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
32 pF/m	60 pF/m

### Current:

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

### Voltage:

UL Voltage Rating
300V RMS

## Use

Max Recommended Pulling Tension:	29 lbs
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## Safety

UL Flammability:	UL1685 UL Loading
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## Temperature Range

Operating Temp Range:	-20°C To +90°C
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## Mechanical Characteristics

Min Bend Radius/Minor Axis:	1.5 in
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## Part Number

Plenum (Y/N):	No
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## Standards

<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>CEC/C(UL) Specification:</b>	CM
<b>MII Order #39 (China RoHS):</b>	Yes
<b>NEC/(UL) Specification:</b>	CM
<b>EU Directive Compliance:</b>	EU Directive 2003/11/EC (BFR)
<b>EU CE Mark:</b>	Yes

## History

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