



REPRESENTATIVE IMAGE

**Product:** [8778](#)

Audio, Control & Instrument, #22-6pr, PP, Individ. Foil, PVC Jkt, CM

## Product Description

Audio, Control & Instrument Cable, 6-Pair, 22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, individually shielded pairs with Beldfoil® (100% coverage), overall PVC jacket and 22 AWG stranded tinned copper drain wire.

## Technical Specifications

### Product Overview

Suitable Applications:	low voltage analog signals (4-20ma, 0-10v, ...); low voltage digital control (24v, ...); line level audio; computer communication; panel wiring
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### Construction Details

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	6	22	7x30	TC - Tinned Copper

#### Insulation

Element	Material	Thickness	Color Code
Pair(s)	PP - Polypropylene	0.011 in	Black & Red, Black & White, Black & Green, Black & Blue, Black & Yellow, Black & Brown

#### Inner Shield Material

Element	Shield Type	Material	Coverage	Drainwire Type	Notes
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC	each pair

#### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.034 in	0.352 in

Cable Diameter (Nominal):	0.352 in
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### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	15 Ohm/1000ft	30 pF/ft	55 pF/ft	50 Ohm	66%	2 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V (CM), 30 V (UL AWM 2919)

### Mechanical Characteristics

#### Temperature

UL Rating	Operating
80°C (UL AWM 2919)	-20°C to +80°C

#### Bend Radius

Stationary Min.	Installation Min.

3.75 in	3.5 in
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Max. Pull Tension:	157 lbs
Bulk Cable Weight:	70 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	UL1685 UL Loading, FT1, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	2919
CEC / C(UL) Compliance:	CM
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Plenum Number:	88778, 82778, 87778

## History

Update and Revision:	Revision Number: 0.379 Revision Date: 09-30-2020
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