



REPRESENTATIVE IMAGE

**Product:** [82723](#)

Audio, Control & Instrument, #22-2pr, FEP, Individ. Foil, LS-PVC Jkt, CMP

### Product Description

Audio, Control & Instrument Cable, 22 AWG stranded (7x30) tinned copper conductors, FEP insulation, twisted pairs, individually shielded with Beldfoil® (100% coverage), 24 AWG stranded tinned copper drain wire, Flamarrest® jacket, plenum rated.

### Technical Specifications

#### Product Overview

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

##### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	2	22	7x30	TC - Tinned Copper

##### Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	FEP - Fluorinated Ethylene Propylene	0.007	Black & Red, Green & White

##### Inner Shield Material

Element	Shield Type	Material	Coverage	Drainwire Type	Notes
Pair(s)	Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC	each pair

##### Outer Jacket Material

Material	Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.017 in	0.153 in

Cable Diameter (Nominal):	0.153 in
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#### Electrical Characteristics

##### Electricals

Element	Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedance	Max. Current
Pair(s)	14.7 Ohm/1000ft	15 Ohm/1000ft	43 pF/ft	75 pF/ft	36 Ohm	2.3 Amps per Conductor at 25°C

##### Voltage

<b>UL Voltage Rating</b>
300 V (CMP)

#### Mechanical Characteristics

##### Temperature

<b>Operating</b>
-20°C to +90°C

##### Bend Radius

<b>Stationary Min.</b>	<b>Installation Min.</b>
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1.75 in	1.5 in
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Max. Pull Tension:	46 lbs
Bulk Cable Weight:	19 lbs/1000ft

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Fire Resistance:	NFPA 262 Plenum Flame Test (UL910), FT6, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
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)
Non-Plenum Number:	8723

## History

Update and Revision:	Revision Number: 0.360 Revision Date: 08-25-2020
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