



**Product:** [9414](#)

Audio, Control & Instrument, #22-1pr, SR-PVC, O/A Foil, PVC Jkt, CMG

## Product Description

Audio, Control & Instrument Cable, 22 AWG stranded (7x30) tinned copper conductors, semi-rigid PVC insulation, twisted pair, overall Beldfoil® shield (100% coverage), 22 AWG stranded tinned copper drain wire, jacket-striated PVC.

## 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	Size	Stranding	Material
Pair(s)	1	22	7x30	TC - Tinned Copper

#### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	0.051 in (1.3 mm)	Black & White

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.035 in (0.89 mm)	0.18 in

### Electrical Characteristics

#### Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Max. Current
18.2 Ohm/1000ft	50 pF/ft (160 pF/m)	95 pF/ft (310 pF/m)	38 Ohm	2.9 Amps per Conductor at 25°C

#### Voltage

UL Voltage Rating
300 V

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
80°C	-20°C To +80°C

#### Bend Radius

Stationary Min.	Installation Min.
1.8 in (46 mm)	1.8 in

Max. Pull Tension:	27 lbs
Bulk Cable Weight:	21 lbs/1000ft

## Standards and Compliance

Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## History

Update and Revision:	Revision Number: 0.327 Revision Date: 12-19-2021
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## Variants

Item #	Color	Putup Type	Length	UPC
9414 T35500	Beige, Pale Fawn	Reel	500 ft	612825240396
9414 T35U500	Beige, Pale Fawn	UnReel	500 ft	612825240372
9414 T351000	Beige, Pale Fawn	Reel	1,000 ft	612825240389
9414 T35U1000	Beige, Pale Fawn	UnReel	1,000 ft	612825240365
9414 T355000	Beige, Pale Fawn	Reel	5,000 ft	612825240402

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