



**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

# **Construction Details**

#### Conductor

Element	No. of Elements	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



# **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 (12 kg)
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: 0.337 Revision Date: 02-03-2025
opuate and revision.	Nevision Number, 0.557 Nevision Bate, 02-05-2025

### **Part Numbers**

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
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	С
9414 T35U1000	Beige, Pale Fawn	UnReel	1,000 ft	612825240365	
9414 T355000	Beige, Pale Fawn	Reel	5,000 ft	612825240402	

#### © 2025 Belden, Inc

### All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.