

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 25ºC

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 (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: 0.336 Revision Date: 02-15-2024

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	C
9414 T35U1000	Beige, Pale Fawn	UnReel	1,000 ft	612825240365	
9414 T355000	Beige, Pale Fawn	Reel	5,000 ft	612825240402	

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