

Product: 9328

High Perform Instr, 2 Pr #22 Str TC, PVC Ins E2, IS, PVC Jkt, PLTC

Request Sample

Product Description

High Performance Instrumentation, 2 Pair 22AWG (7x30) Tinned Copper, PVC Insulation E2 Color Code, Individual Beldfoil® Shield, PVC Outer Jacket, PLTC

Technical Specifications

Product Overview

Suitable Applications:	Industrial Control, Raceways Cable trays and ducts, Digital Control, Instruments (4-20ma, 0-10v, ...),low voltage digital control (24v, …), encoders, control circuits, distributed control

Construction Details

Conductor

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

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.017 in (0.43 mm)	0.062 in (1.6 mm)	Black, Red and Numbered

Inner Shield

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.042 in (1.1 mm)	0.323 in (8.20 mm)	Yes

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Inner Shield DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
18.2 Ohm/1000ft	2.1 Ohm/1000ft (6.9 Ohm/km)	30 pF/ft (98 pF/m)	54 pF/ft (180 pF/m)	3.8 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V (PLTC)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
3.23 in (82.0 mm)	3.23 in (82.0 mm)

Max. Pull Tension:	45.5 lbs (20.6 kg)

Bulk Cable Weight:	42 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 FT4 loading, FT4, IEEE 1202 FT4
NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC, PLTC
AWM Compliance:	AWM 2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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: 0.491 Revision Date: 12-16-2022

Part Numbers

Variants

Item #	Color	UPC
9328 0601000	Chrome	612825230144
9328 060500	Chrome	612825230151
9328 0605000	Chrome	612825230168

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