BELDEN

Product: 9968 ⬈

Electronic, 4 C #22 Str TC, PVC-NYL Ins, OA TC Brd, PVC Jkt

⚏ Request Sample

Product Description

Electronic, 4 Conductor 22AWG (19x34) Tinned Copper, PVC-NYL Insulation, Overall Tinned Copper Braid(90%) Shield, PVC Outer Jacket

Technical Specifications

Product Overview

Suitable Applications:	MIL-W-16878 (Type B) Spec; up to 600V analog signals ; up to 600V voltage control

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	22 AWG	19x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.0125 in (0.318 mm)	0.056 in (1.4 mm)	White, Black, Red, Green

Outer Shield

Shield Type	Material	Coverage
Braid	Tinned Copper (TC)	90%

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.02 in (0.51 mm)	0.2 in

Overall Cable Diameter (Nominal):	0.2 in.

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
17.8 Ohm/1000ft	42 pF/ft (140 pF/m)	69 pF/ft (230 pF/m)	2.4 Amps per Conductor at 25ºC

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-20°C To +105°C

Bend Radius

Stationary Min.	Installation Min.
2 in (51 mm)	2 in

Max. Pull Tension:	38 lbs (17 kg)
Bulk Cable Weight:	29 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
Military Compliance:	MIL-W-16878E/17 (insulated conductor)
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.390 Revision Date: 05-05-2023

Part Numbers

Variants

Item #	Color	UPC	Footnote
9968 009100	White	612825265375	
9968 0091000	White	612825265382	C
9968 009500	White	612825265399	