Belden



Product: 9967

Electronic, 3 C #22 Str TC, PVC-NYL Ins, OA TC Brd, PVC Jkt

Request Sample

Product Description

Electronic, 3 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)	3	22	19x34	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC/Nylon - Polyvinyl Chloride + Nylon	0.0125 in (0.318 mm)	0.056 in (1.4 mm)	White, Black, Red
Nylon	0.003 in (0.076 mm)		

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)	0.184 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Inductance	Max. Current
15.3 Ohm/1000ft	45 pF/ft (150 pF/m)	88 pF/ft (290 pF/m)	0.144 µH/ft (0.472 µH/m)	2.8 Amps per Conductor at 25°C

Nom Outer Shield DCR@Cond DCR1-cnv:	5.3 Ohm/1000ft (17 Ohm/km)

Voltage

Voltage Rating
600 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.84 in (46.7 mm)	1.84 in

Max. Pull Tension:	28.5 lbs (12.9 kg)
Bulk Cable Weight:	24 lbs/1000ft

Standards and Compliance

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: 0.515 Revision Date: 09-07-2025

Part Numbers

Variants

Item #	Color	UPC	Footnote
9967 009100	White	612825265344	
9967 0091000	White	612825265351	C
9967 009500	White	612825265368	

Footnote:	C - CRATE REEL PUT-UP.

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