



Product: [9184](#)

Audio, Control & Instrument, #22-2pr, FPO, O/A Foil, PVC Jkt, CM

Product Description

Audio, Control & Instrument Cable, 22 AWG solid tinned copper conductors, Datalene® insulation, twisted pairs, Duofoil® shield (100% coverage), 22 AWG stranded tinned copper drain wire, PVC jacket.

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
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Construction Details

Conductor				
Element	No. of Elements	Size	Stranding	Material
Pair(s)	2	22 AWG	Solid	TC - Tinned Copper

Insulation				
Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PE - Polyethylene (Foam)	0.035 in (0.89 mm)	0.096 in (2.4 mm)	Black & Yellow, Red & Blue

Outer Shield			
Shield Type	Material	Coverage	Drainwire Type
Tape	Tri-Laminate (Alum+Poly+Alum)	100%	22 AWG (7x30) TC

Outer Jacket			
Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.041 in (1.0 mm)	0.400 in	Yes

Overall Cable Diameter (Nominal):	0.400 in
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Electrical Characteristics

Electricals					
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
20.6 Ohm/1000ft	8.7 pF/ft (29 pF/m)	14.1 pF/ft (46.3 pF/m)	150 Ohm	78%	4.8 Amps per Conductor at 30°C

Voltage	
UL Voltage Rating	
300 V	

Mechanical Characteristics

Temperature	
UL Temperature	Operating
60°C	-20°C to +75°C

Bend Radius	
Stationary Min.	Installation Min.
4 in (100 mm)	4 in

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	63 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	AWM 2668
CEC / C(UL) Compliance:	CM
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: 0.395 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9184 010500	Black	Reel	500 ft	612825225157	C
9184 0101000	Black	Reel	1,000 ft	612825225140	C

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