



Product Description

High Performance Instrumentation, 3 Pair 22AWG (7x30) Tinned Copper, PVC Insulation E2 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC

Technical Specifications

Product Overview

Element Number of Element Size Stranding Material Pair(s) 3 22 AWG 7x30 TC - Tinned Copper nsulation 0.017 in (0.43 mm) 0.062 in (1.6 mm) IDEA Chart E2 Duter Shield 0.017 in (0.43 mm) 0.062 in (1.6 mm) IDEA Chart E2 Duter Shield Material Coverage Drainwire Type Shield Type Material Coverage Drainwire Type IDEA Chart E2 Duter Shield Size I (1.1 mm) 0.327 in (8.31 mm) Yes Cotton Serve PVC - Polyvinyl Chloride 0.042 in (1.1 mm) 0.327 in (8.31 mm) Yes Cotton Serve PVC - Polyvinyl Chloride 0.042 in (1.1 mm) 0.327 in (8.31 mm) Yes Max. Current Electrical Characteristics 45 pF/ft (150 pF/m) 3.4 Amps per Conductor at 25°C Voltage III 2 Ohm/1000ft 26 pF/ft (85 pF/m) 45 pF/ft (150 pF/m) 3.4 Amps per Conductor at 25°C Voltage Seating Seating							
Conductor Element Number of Element Size Stranding Material Pair(s) 3 22 AWG 7x30 TC - Tinned Copper nsulation Element Material Nom. Thickness Nom. Insulation Diameter Color Code Pair(s) PVC - Polyvinyl Chloride 0.017 in (0.43 mm) 0.062 in (1.6 mm) ICEA Chart E2 Outer Shield Shield Type Material Nom. Thickness Nom. Insulation Diameter Shield Type Material Nom. Thickness Nom. Insulation Tape Bi-Laminate (Alum+Poly) 100% 22 AWG (7x30) TC Outer Jacket Steator Material Nom. Thickness Separator Material Nom. Thickness Overall Cable Diameter (Nominal): 0.327 in (8.31 mm) Cottor Serve PVC - Polyvinyl Chloride Overall Cable Diameter (Nominal): 0.327 in (8.31 mm) Cottor Serve Sp F/ft (85 pF/m) Staterial Nom. Capacitance Cond-to-Cond Nom. Capacitance Cond-to-Cond Nom. Capacitance Cond-to-Chler (Conds + Shield) Material Nom. Capacitance Cond-to-Cond Solutor 18 2 Ohm/10000t 28 pF/ft (85 pF/m) 45 pF/ft (150 pF/m) 300 V(PLTC, CMG) Mechanical Characteristics	Suitable Applications:	Inst	trumentation, Ser	nsors, Valves, Posi	tioners, 4-20mA, 0-10V		
Pair(s) 3 22 AWG 7x30 TC - Tinned Copper Insulation Material Nom. Thickness Nom. Insulation Diameter Color Code Pair(s) PVC - Polyvinyl Chloride 0.017 in (0.43 mm) 0.062 in (1.6 mm) ICEA Chart E2 Outer Shield Single Type Material Coverage Drawine Type Tape Material Coverage Drawine Type Sparator Material Nom. Thickness Nom. Diameter Ripcord Cotor Oute Diameter Ripcord Ripcord Cotor Oute Diameter Ripcord Material Overall Cable Diameter (Nominal) 0.327 in (8.31 mm) Yes Material Max. Current <	Construction Detai	ls					
Element Number of Element Size Stranding Material Pair(s) 2 2 AWG 7 X30 TC - Tinned Copper Insulation Insulation Diameter Element Material Nom. Thickness Nom. Insulation Diameter Color Code Pair(s) PVC - Polyvinyl Chloride 0.017 in (0.43 mm) 0.062 in (1.6 mm) UCEA Chart E2 Outer Shield Shield Type Material Coverage Drainwire Type Atterial Nom. Thickness Nom. Diameter Ripcord Cotor Scole Outer Shield Steader Material Nom. Thickness Nom. Diameter Ripcord Cotton Serve PVC - Polyvinyl Chloride 0.042 in (1.1 mm) 0.327 in (8.31 mm) Vestor Overall Characteristics Electrical Electrical Characteristics Electrical Voltage Rating 300 V (PLTC, CMG) Macharites Mechanical Characteristics Electrical Characteristics Conductor DCR Nom. Capacitance Cond-to-Cond Nom. Capacitance Cond-to-Other (Conds + Shield) Max. Current Pair 45 pF/ft (150 pF/m) 3.4 Amps per Conductor at 25°C Voltage Macharites Macharites State Stat	Conductor						
Pair(s) 3 22 AWG 7x30 TC - Tinned Copper Isulation Material Nom. Thickness Nom. Insulation Diameter Color Code Pair(s) PVC - Polyvinyl Chloride 0.017 in (0.43 mm) 0.062 in (1.8 mm) ICEA Chart E2 Outer Shield Sindid Type Material Coverage Drainwire Type Bi-Laminate (Alum+POly) 100% 22 AWG (7x30) TC Nom. Thickness Nom. Diameter Ripcord Outer Jacket Sparator Material Nom. Thickness Nom. Diameter Ripcord Otion Serve PVC - Polyvinyl Chloride 0.042 in (1.1 mm) 0.327 in (8.31 mm) Yes Electrical Characteristics State (1.1 mm) 0.327 in (8.31 mm) Yes Electrical Is 2 Ohnr/1000t 26 pF/n (85 pF/m) 45 pF/n (150 pF/m) 3.4 Amps per Conductor at 25°C Voltage Rating Source Cond-to-Cite Cond Nom. Capacitance Cond-to-Other (Conds + Shield) Max. Current Sparator 18 2 Ohnr/1000t 26 pF/n (85 pF/m) 45 pF/n (150 pF/m) 3.4 Amps per Conductor at 25°C							

UL Temperature	Operating
105°C	-30°C to +105°C
Table Notes:	
Bend Radius	

Stationary Min.	Installation Min.	
3.3 in (84 mm)	3.3 in (84 mm)	

Max. Pull Tension:	63 lbs (29 kg)
Bulk Cable Weight:	46 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 UL Loading, FT4, T-29-520, IEEE 1202
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: 0.553 Revision Date: 04-14-2023

Part Numbers

Variants

Item #	Color	UPC	
9513 0601000	Chrome	612825254706	
9513 060500	Chrome	612825254720	
9513 0605000	Chrome	612825254737	

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