



# **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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