



# **Product Description**

High Performance Instrumentation, 1 Pair 22AWG (7x30) Tinned Copper, PVC Insulation E2 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC

## **Technical Specifications**

### Product Overview

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element No. of Elements Size Stranding Material Pair(s) 1 22 AWG 7.30 TC - Tinned Copper sulation Element Material Nom. Thickness Nom. Insulation Diameter Color Code PVC - Polyvinyl Chiorid 0.017 in (0.43 mm) 0.062 in (1.6 mm) Black. Red uter Shield Shield Type B-Laminate (Alum+Poly) 100% 22 AWG (7x30) TC uter Jacket Material Nom. Thickness Nom. Diameter Ripcord PVC - Polyving Chiorid 0.037 in (0.94 mm) 0.201 in (5.11 mm) Yes Uter Jacket Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Pair(s) 18.2 Ohm/1000t 46 pFrft (150 pF/m) 2.8 Amps per Conductor at 25°C otage UL Volage Rating B00 V (PLTC, CMG) Elementation Derivation Backet S Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Pair(s) 18.2 Ohm/1000t 46 pFrft (150 pF/m) 2.8 Amps per Conductor at 25°C otage But Volage Rating B00 V (PLTC, CMG) Backet S Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Pair(s) 18.2 Ohm/1000t 46 pFrft (150 pF/m) 2.8 Amps per Conductor at 25°C Otage But Volage Rating B00 V (PLTC, CMG) But Volage Rating B00 V (PLTC, CMG) B00 V (PLTC, VOLAGE RALING) B00 V (PLTC, VOLAGE RALING) B00 V (PLTC, VOLAGE RALIN	Suitable Applications: Instrumentation, Sensors, Valves, Positioners, 4-20mA, 0-10V	
Binenni No. of Elements Size Stranding Material   Pair(s) 1 22 AWG 7x30 TC - Tinned Copper   suidation   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) Black, Red   uter Shield   Shield Type Material Nom. Thickness Nom. Insulation Diameter Color Code   Shield Type Material Coverage Drainwire Type   Fape Bi-Laminate (Alum+Poly) 100% 22 AWG (7x30) TC   uter Jacket   Waterial Nom. Thickness Nom. Diameter Ripcord   PVC - Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm)   Vec Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm)   Stectrical Characteristics   Retrical Nom. Conductor DCR   Nom. Capacitance Cond-to-Cond Max. Current   Pair(s) 18.2 Ohnvl1000t 46 pF/R (150 pF/m) 2.8 Amps per Conductor at 25°C   Otage Rating 00V (PLTC, CMG)  Ut Voltage Rating 00V (PLTC, CMG)	Construction Details	
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Pair(s)       1       22 AWG       7x30       TC - Tinned Copper         isulation         Element Material Nom. Thickness Nom. Insulation Diameter Color Code         Pair(s)       PVC - Polyvinyl Chioride       0.017 in (0.43 mm)       0.062 in (1.6 mm)       Black, Red         Vite Shield Type Material Coverage Drainwire Type         Bi-Laminate (Alum+Poly)       100%       22 AWG (7x30) TC         vite Shield Type Material Nom. Thickness Nom. Diameter Ripcord         PVC - Polyvinyl Chioride       0.037 in (0.94 mm)       0.201 in (5.11 mm)         Ver Coverage Coverage Coverage Coverage Diameter Ripcord         Over Colspan= Coverage Coverage Coverage Coverage Coverage Coverage         Over Coverage Coverage Coverage Coverage Coverage Coverage Coverage Coverage Coverage         Over Coverage         Over Coverage Cove		
suiding suiding learning Material Nom. Thickness Nom. Insulation Diameter Color Code Parles PVC - Polyvinyl Chloride 0.017 in (0.43 mm) 0.062 in (1.6 mm) Black, Red uter Shield Shield Type Material Coverage Drainwire Type Bi-Laminate (Alum+Poly) 100% 22 AWG (7x30) TC uter Jacket Ver - Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm) Yes Dverall Cable Diameter (Nominal): 0.201 in (5.11 mm) Electrical Characteristics Electricals Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Parles 18.2 Ohn/100001 46 pF/ft (150 pF/m) 2.8 Amps per Conductor at 25°C ologe UL Voltage Rating 300 V (PLTC, CMG) techanical Characteristics		
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Shield Type Material Coverage Drainwire Type   Tape Bi-Laminate (Alum+Poly) 100% 22 AWG (7x30) TG   uter Jacket   Material Nom. Thickness Nom. Dameter Ripcord   PVC - Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm) Yes   Drevall Cable Diameter (Nominal):   0.201 in (5.11 mm) 0.201 in (5.11 mm)   Electrical Characteristics Electrical Characteristics   Vic Voltage Rating   300 V (PLTC, CMG)   Electrical Characteristics Electrical Characteristics Interface Park Park Park Park Park Park Park Park	Pair(s)         PVC - Polyvinyl Chloride         0.017 in (0.43 mm)         0.062 in (1.6 mm)         Black, Red	
Shield Type Material Coverage Drainwire Type   Tape Bi-Laminate (Alum+Poly) 100% 22 AWG (7x30) TC   uter Jacket   Material Nom. Thickness Nom. Diameter Ripcord   PVC - Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm)   Userall Cable Diameter (Nominal): 0.201 in (5.11 mm)   Electrical Characteristics Electrical Characteristics Electricals Electricals Electrical Second Any Second Any Second Any Second Bi-Laminate (Alum+Poly) 100° 2.8 Amps per Conductor at 25°C oldage UL Voltage Rating 300 V (PLTC, CMG) Electrical Characteristics Electrical Characteristics Bi-Laminate (Diameteristic) Conductor at 25°C oldage UL Voltage Rating 300 V (PLTC, CMG) Bi-Laming Conductor of Conductor at 25°C Conductor at 25°C oldage UL Voltage Rating 300 V (PLTC, CMG) Conductor at 25°C <td>Outer Shield</td> <td></td>	Outer Shield	
Tape         BiLaminate (Alum+Poly)         100%         22 AWG (7x30) TC           uter Jacket         Material         Nom. Thickness         Nom. Diameter         Ripcord           PVC - Polyviryl Chloride         0.037 in (0.94 mm)         0.201 in (5.11 mm)         Yes           Dorrall Cable         Diameter (Nominal):         0.201 in (5.11 mm)         Yes           Steeter (Nominal):         0.201 in (5.11 mm)           Steeter (Nominal):         0.201 in (5.11 mm)      <		
uter Jacket         Material       Nom. Thickness       Nom. Diameter       Ripcord         PVC - Polyvinyl Chloride       0.037 in (0.94 mm)       0.201 in (5.11 mm)       Yes         Overall Cable Diameter (Nominal):       0.201 in (5.11 mm)       Yes         Overall Cable Diameter (Nominal):       0.201 in (5.11 mm)       Yes         Clectrical Characteristics       Sector Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Pair(s)       18.2 Ohm/1000ft       46 pF/ft (150 pF/m)       2.8 Amps per Conductor at 25°C         ologae       UL Voltage Rating       200 V (PLTC, CMG)       Sector conductor st 25°C         Rechanical Characteristics       Sector conductor st 25°C       Sector conductor st 25°C         Material Characteristics       Sector conductor st 25°C       Sector conductor st 25°C         Sector conductor Cond Characteristics       Sector conductor st 25°C       Sector conductor st 25°C         Sector conductor cond Characteristics       Sector conductor st 25°C       Sector conductor st 25°C         Sector conductor conductor conductor conductor conductor st 25°C       Sector conductor cond		
Material       Nom. Thickness       Nom. Diameter       Ripcord         PVC - Polyvinyl Chloride       0.037 in (0.94 mm)       0.201 in (5.11 mm)       Yes         Overall Cable Diameter (Nominal):       0.201 in (5.11 mm)       Yes         Electrical Characteristics       Image: Characteristics         Retrical Selement       Nom. Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Pair(s)       18.2 Ohm/1000ft       46 pF/ft (150 pF/m)       2.8 Amps per Conductor at 25°C         oldage       UL Voltage Rating       300 V (PLTC, CMG)         Rechanical Characteristics       Image: Characteristics         Machine Faire       -30°C to +105°C		
PVC - Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm)   Overall Cable Diameter (Nominal): 0.201 in (5.11 mm)	Outer Jacket	
Overall Cable Diameter (Nominal): 0.201 in (5.11 mm)         Electrical Characteristics         Iectricals         Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current         Pair(s)       18.2 Ohm/1000ft         46 pF/ft (150 pF/m)       2.8 Amps per Conductor at 25°C         oltage         UL Voltage Rating         300 V (PLTC, CMG)         Acchanical Characteristics         emperature         UL Temperature Operating         105°C         -30°C to +105°C		
Idectrical Characteristics         Idectricals         Element       Nom. Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Pair(s)       18.2 Ohm/1000ft       46 pF/ft (150 pF/m)       2.8 Amps per Conductor at 25°C         oltage       UL Voltage Rating         300 V (PLTC, CMG)       Image: Conductor at 25°C         Acchanical Characteristics         emperature         UL Temperature       Operating         105°C       -30°C to +105°C	PVC - Polyvinyl Chloride 0.037 in (0.94 mm) 0.201 in (5.11 mm) Yes	
lectricals         Element       Nom. Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Pair(s)       18.2 Ohm/1000ft       46 pF/ft (150 pF/m)       2.8 Amps per Conductor at 25°C         oltage         UL Voltage Rating         300 V (PLTC, CMG)       Idechanical Characteristics         Pair(s) Operating         105°C       -30°C to +105°C	Overall Cable Diameter (Nominal): 0.201 in (5.11 mm)	
Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current   Pair(s) 18.2 Ohm/1000ft 46 pF/ft (150 pF/m) 2.8 Amps per Conductor at 25°C   oltage   UL Voltage Rating   300 V (PLTC, CMG)   Accharacteristics   Pair(s)   Operating 105°C -30°C to +105°C	Electrical Characteristics	
Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current   Pair(s) 18.2 Ohm/1000ft 46 pF/ft (150 pF/m) 2.8 Amps per Conductor at 25°C   oltage   UL Voltage Rating   300 V (PLTC, CMG)   Accharacteristics   Pair(s)   Operating 105°C -30°C to +105°C		
Pair(s) 18.2 Ohm/1000ft 46 pF/ft (150 pF/m) 2.8 Amps per Conductor at 25°C oltage UL Voltage Rating 300 V (PLTC, CMG) Acchanical Characteristics emperature UL Temperature Operating 105°C30°C to +105°C	Electricals	
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300 V (PLTC, CMG)         Ilechanical Characteristics         emperature         JL Temperature         005°C         -30°C to +105°C	Voltage	
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emperature JL Temperature Operating 105°C -30°C to +105°C		
UL Temperature     Operating       105°C     -30°C to +105°C	Mechanical Characteristics	
105°C -30°C to +105°C	Temperature	
	UL Temperature Operating	
Fable Notes:     AWM 80°C	105°C -30°C to +105°C	
	Table Notes: AWM 80°C	
	Bend Radius	

### Bend Radius

Stationary Min.	Installation Min.
2.0 in (51 mm)	2.0 in (51 mm)

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	19 lbs/1000ft

### **Standards and Compliance**

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 UL Loading, 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: 0.559 Revision Date: 04-14-2023

#### **Part Numbers**

#### Variants

	Item #	Color	UPC	Footnote
932	2 0605000	Chrome	612825229353	Z
932	2 060U1000	Chrome	612825229339	
932	2 060U500	Chrome	612825229346	

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