



Product: [9408](#)

High Perform Instr, 1 Pr #20 Str TC, PVC Ins E2, PVC Jkt, PLTC

[Request Sample](#)

Product Description

High Performance Instrumentation, 1 Pair 20AWG (19x32) Tinned Copper, PVC Insulation E2 Color Code, PVC Outer Jacket, PLTC

Technical Specifications

Product Overview

Suitable Applications:	Instrumentation, Sensors, Valves, Positioners, 4-20mA, 0-10V
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	1	20 AWG	19x32	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.018 in (0.46 mm)	0.072 in (1.8 mm)	Black & Red

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.218 in (5.54 mm)	Yes

Overall Cable Diameter (Nominal):	0.218 in (5.54 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield	Max. Current
Pair(s)	11.3 Ohm/1000ft	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	3.8 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V (PLTC, CMG)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C to +105°C

Table Notes:	AWM 80°C
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Bend Radius

Stationary Min.	Installation Min.
2.2 in (56 mm)	2.2 in (56 mm)

Max. Pull Tension:	30 lbs (14 kg)
Bulk Cable Weight:	21 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: 0.605 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
9408 0602500	Chrome	612825240129	Z
9408 0605000	Chrome	612825240136	C Z
9408 060U1000	Chrome	612825240105	
9408 060U500	Chrome	612825240112	

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