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Product: 9492

High Perform Instr, 1 Tri #20 Str TC, PVC Ins E1, PVC Jkt, PLTC

Request Sample

Product Description

High Performance Instrumentation, 1 Triad 20AWG (19x32) Tinned Copper, PVC Insulation E1 Color Code, PVC Outer Jacket, PLTC

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Triad(s)	1	20 AWG	19x32	TC - Tinned Copper

Insulation

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

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.229 in (5.82 mm)	Yes

Overall Cable Diameter (Nominal):	0.229 in (5.82 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Triad(s)	9.5 Ohm/1000ft (31 Ohm/km)	30 pF/ft (98 pF/m)	4.8 Amps per Conductor at 25ºC

Voltage

UL Voltage Rating
300 V (PLTC, CMG), 150 V (ITC)

Mechanical Characteristics

Temperature

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

Table Notes:	AWM 80°C

Bend Radius

Stationary Min.	Installation Min.
2.3 in (58 mm)	2.3 in (58 mm)

Max. Pull Tension:	45 lbs
Bulk Cable Weight:	28 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL1685 FT4 Loading, FT4, T-29-520, IEEE 1202
NEC / UL Compliance:	Article 725, Article 727, Article 800, CMG, ITC, PLTC
AWM Compliance:	AMW 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: 0.375 Revision Date: 12-15-2021

Variants

Item #	Color	UPC
9492 0601000	Chrome	612825253891
9492 0602500	Chrome	612825253907
9492 0605000	Chrome	612825253914
9492 060U1000	Chrome	612825253877
9492 060U500	Chrome	612825253884

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