Product: 9554 ↗

High Perform Instr, 4 Pr #18 Str TC, PVC Ins E2, OS, PVC Jkt, PLTC-ER

⚏ Request Sample

Product Description

High Performance Instrumentation, 4 Pair 18AWG (19x30) Tinned Copper, PVC Insulation E2 Color Code, Overall Beldfoil® Shield, PVC Outer Jacket, PLTC-ER

Technical Specifications

Product Overview

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

Construction Details

Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	4	18	19x30	TC - Tinned Copper

Insulation

Element	Material	Thickness [in.]	Color Code
Pair(s)	PVC - Polyvinyl Chloride	0.017	Black, Red and Numbered

Outer Shield Material

Shield Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	18 AWG (7x26) TC

Outer Jacket Material

Material	Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.053 in	0.466 in	Yes

Cable Diameter (Nominal):	0.466 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Shield
Pair(s)	6.0 Ohm/1000ft	35 pF/ft	54 pF/ft

Nom Outer Shield DCR:	5.86 Ohm/1000ft

Voltage

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

Mechanical Characteristics

Temperature

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

Table Notes:	AWM 80°C

Bend Radius

Stationary Min.
4.5 in

Max. Pull Tension:	220 lbs
Bulk Cable Weight:	100

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Fire Resistance:	UL1685 Vertical Tray Flame Test, FT4, T-29-520, 1202
NEC / UL Compliance:	CMG, ITC-ER, PLTC-ER
AWM Compliance:	2464
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.362 Revision Date: 07-28-2020

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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