



Product: [1526A](#)

Inst, 1 Tri #20 Str BC, PVC Ins E1, OS, Blk PVC Jkt, 300V PLTC ITC CMG

[Request Sample](#)

Product Description

UL Instrumentation, 1 Triad 20AWG (7x28) Bare Copper, PVC Insulation E1 Color Code, Overall Beldfoil® Shield, Black PVC Outer Jacket, PLTC ITC CMG AWM 2464 SUN RES DIR BUR

Technical Specifications

Product Overview

Suitable Applications:	Industrial Control, Raceways Cable trays and ducts, Digital Control, Instruments (4-20ma, 0-10v, ...),low voltage digital control (24v, ...), encoders, control circuits, distributed control system (DCS),programmable logic controller (PLC), Solenoids, Valves, Actuators, Positioners
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Construction Details

Conductor				
Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	20 AWG	7x28	BC - Bare Copper

Insulation			
Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
PVC - Polyvinyl Chloride	0.0175 in (0.445 mm)	0.071 in (1.8 mm)	Red, White, Black
			Black & White & Red

Outer Shield			
Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

Outer Jacket			
Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.037 in (0.94 mm)	0.231 in	Yes

Electrical Characteristics

Electricals			
Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
10.92 Ohm/1000ft	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	4.8 Amps per Conductor at 25°C

Voltage	
UL Voltage Rating	
300 V (PLTC)	

Mechanical Characteristics

Temperature	
UL Temperature	Operating
105°C	-30°C To +105°C
Max. Pull Tension:	46.9 lbs (21.3 kg)
Bulk Cable Weight:	32 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1685 FT4 loading, FT4, T-29-520, IEEE 1202 FT4
NEC / UL Compliance:	Article 725, Article 727, Article 800
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: 0.415 Revision Date: 01-10-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
1526A 01010000	Black	Reel	10,000 ft	612825117179	C Z

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