



**Product:** [1526A](#)

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

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## Product Description

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

## Technical Specifications

### Construction Details

#### Conductor

Element	Number of Element	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-ER)

### 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, CMG, ITC-ER, PLTC-ER

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: 0.406 Revision Date: 04-08-2022
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## Part Numbers

### Variants

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

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