



Product: [28326AS](#) 

TC VN/PVC, 4 C #18 Str BC, PVC-NYL Ins E2, OS, Blk PVC Jkt, 600V TC-ER
150V NPLF 90C Dry/Wet SUN RES DIR BUR

Product Description

UL Type TC (1277) PVC-Nylon/PVC, 4 Conductor 18AWG (7x26) Bare Copper, PVC-NYL Insulation E2 Color Code, Overall Beldfoil® Shield, Black PVC Outer Jacket, 600V TC-ER 150V NPLF 90C Dry/Wet SUN RES DIR BUR

Technical Specifications

Product Overview

Suitable Applications:	Power and Control Applications up to 600V
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC/Nylon - Polyvinyl Chloride + Nylon	0.022 in (0.56 mm)	0.088 in (2.2 mm)	Black, Red, Blue, Orange

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	18 AWG (7x26) TC

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.047 in (1.2 mm)	0.310 in (7.87 mm)	Yes

Overall Cable Diameter (Nominal):	0.310 in (7.87 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.7 Ohm/1000ft (22 Ohm/km)	11.2 Amps per Conductor at 30°C

Nom Outer Shield DCR:	4.83 Ohm/1000ft (15.8 Ohm/km)
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Voltage

UL Voltage Rating
600 V (TC-ER), 150 V (NPLF)

Mechanical Characteristics

Temperature

UL Temperature	Operating	Storage
90°C Dry, 90°C Wet	-40°C to 90°C Static Operating	-40°C to 90°C

Bend Radius

Stationary Min.	Installation Min.
3.72 in (94.5 mm)	3.72 in (94.5 mm)

Max. Pull Tension:	112 lbs (50.8 kg)
Bulk Cable Weight:	59 lbs/1000ft (88 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, Burial
Flammability / Reaction to Fire:	UL1685 UL Loading, IEEE 1202 FT4
NEC / UL Compliance:	Article 336, Article 400, Article 760, TC-ER, NPLF, TFFN
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: 0.507 Revision Date: 04-08-2026
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
28326AS 0105000	Black	Reel	5,000 ft	612825135814	C Z
28326AS01010000	Black	Reel	10,000 ft	612825135821	C Z

Footnote:	C - CRATE REEL PUT-UP., Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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