



**Product:** [27326A](#)

TC VN/PVC, 4 C #18 Str BC, PVC-NYL Ins E2, Blk PVC Jkt, 600V TC 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, Black PVC Outer Jacket, 600V TC 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	Separator	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	Conductor(s)	PVC/Nylon - Polyvinyl Chloride + Nylon	0.022 in (0.56 mm)	0.088 in (2.2 mm)	Black, Red, Blue, Orange

Inner Shield

Shield Type
No Shield

Outer Shield

Shield Type
No Shield

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.048 in (1.2 mm)	0.313 in	Yes

Overall Cable Diameter (Nominal):	0.313 in
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.66 Ohm/1000ft	11.2 Amps per Conductor at 30°C

Voltage

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

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C Dry, 75°C Wet	-30°C To +75°C Wet/90°C Dry

Bend Radius

Stationary Min.	Installation Min.
1.252 in (31.80 mm)	1.565 in

Max. Pull Tension:	88 lbs (40 kg)
Bulk Cable Weight:	53 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance, Burial
Flammability / Reaction to Fire:	UL1685 UL Loading, IEEE 1202 FT4
NEC / UL Compliance:	Article 336, NPLF, TC
European Directive Compliance:	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: 05-05-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
27326A 0105000	Black	Reel	5,000 ft	612825133612	C
27326A 01010000	Black	Reel	10,000 ft	612825133605	C

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