



**Product:** [28154AX](#)

TC VN/PVC, 4 C #6 Str BC, PVC-NYL Ins M4, Blk PVC Jkt, 600V TC-ER 90C Dry/Wet SUN RES DIR BUR

## Product Description

UL Type TC (1277) PVC-Nylon/PVC, 4 Conductor 6AWG (Class B) Bare Copper, PVC-NYL Insulation M4 Color Code, Black PVC Outer Jacket, 600V TC-ER 90C Dry/Wet SUN RES DIR BUR

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Conductors
6	7x14.5	BC - Bare Copper	0.179 in	4

Conductor Count:	4
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#### Insulation

Material	Nominal Diameter
PVC/Nylon - Polyvinyl Chloride + Nylon	0.254 in

#### Color Chart

Number	Color
1	Black Numbered 1
2	Black Numbered 2
3	Black Numbered 3
4	Black Numbered 4

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.738 in	0.063 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
0.41 Ohm/1000ft

#### Current

Max. Recommended Current [A]
60 Amps per Conductor at 30°C

#### Voltage

UL Description	UL Voltage Rating	Voltage Rating [V]
TC-ER	600 V RMS (Type TC)	600 V RMS (Type TC)

### Temperature Range

UL Temp Rating:	90°C Dry, 75°C Wet
Operating Temp Range:	-25°C To +90°C

### Mechanical Characteristics

UV Resistance:	Yes
Min Bend Radius (Overall):	7.38 in
Min Bend Radius/Minor Axis:	2.95 in

## Standards

NEC/(UL) Compliance:	TC-ER
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## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-04-01

## Suitability

Suitability - Burial:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes

## Flammability, LS0H, Toxicity Testing

UL Flammability:	UL1685 Vertical Tray Flame Test
UL voltage rating:	600 V RMS (Type TC)

## Part Number

### Variants

Item #	Putup Type
28154AX 0105000	Reel

## History

Update and Revision:	Revision Number: 0.37 Revision Date: 02-16-2021
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