



# Product: <u>28111AS</u> ☑

TC VN/PVC, 4 C #12 Str BC, PVC-NYL Ins E2, OS, Blk PVC Jkt, 600V TC-ER 150V NPLF 90C Dry/Wet SUN RES DIR BUR

## **Product Description**

5.436 in (138.1 mm) 5.436 in

UL Type TC (1277) PVC-Nylon/PVC, 4 Conductor 12AWG (7x20) 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 Ov	verview							
Suitable Applie	cations:	F	ower an	d Contro	Applications up to 6	00V		
Constructi	on Detail	s						
Conductor								
Element	No. of Elem	nents S	ize S	tranding	Material			
Conductor(s)	4	12	AWG 7	x20	BC - Bare Copper	[		
Insulation								
Element		Materi			Nom. Thickness	Nom. Insulation Diameter		
Conductor(s)	PVC/Nylon	- Polyvinyl	Chloride	+ Nylon	0.019 in (0.48 mm)	0.131 in (3.33 mm)	Black, Red, Blue, Orange	
Outer Shield								
Shield Type		erial		erage	Drainwire Type			
Таре	Bi-Laminate	(Alum+Po	oly) 100	% 1	12 AWG (7x20) TC			
Outer Jacket								
Mater		Nom. Thic		Nom. Di	ameter Ripcord			
PVC - Polyvin	yl Chloride	0.047 in (1	.2 mm)	0.453 in	Yes			
Overall Cable	Diameter (No	ominal): 0	).453 in					
Electrical C	Character	ristics						
Electricals								
Nom. Conduc	tor DCR	Ма	x. Curre	nt				
1.68 Ohm/100		4 Amps pe			P°C			
Voltage					1			
-	ge Rating							
600 V (TC-ER	<u> </u>	LF)						
Mechaniss	Chartest							
Mechanical Characteristics								
Temperature								
UL Temperature Operating								
90°C Dry, 90°C Wet Wet/Dry: -30°C to 90°C								
Bend Radius								
Stationary I	/lin. Insta	allation Mi	in.					

Max. Pull Tension:	434 lbs (197 kg)	
Bulk Cable Weight:	151 lbs/1000ft	

#### **Standards and Compliance**

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance, Burial
Flammability / Reaction to Fire:	UL 1685 UL Loading, IEEE 1202 FT4
NEC / UL Compliance:	Article 336, Article 310, Article 760, NPLF, TC-ER, THWN-2
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)

### History

Update and Revision:	Rev

Revision Number: 0.359 Revision Date: 02-03-2025

#### Part Numbers

#### Variants

Item #	Color	Putup Type	Length	UPC
28111AS 0105000		Reel		612825135326
28111AS01010000		Reel		
28111AS 0105000	Black	Reel	5,000 ft	612825135326

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