



**Unified  
Wire and  
Cable, Inc.**

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## Part Number: 6 (133 x 27) TC UL 3196 / SIS CL-1251 VW-1 Cable Specification

### Description:

#### 1. Conductor

1.1 AWG & Stranding:	6 gauge (133 x 27) TC
1.2 Material:	Tinned Copper
1.3 Lay / Cu OD $\approx$	2.5" / .195"

#### 2. Insulation

2.1 Material:	XLPE / XLPO
2.2 Wall Thickness NOM:	.060"
2.3 Wall Thickness MIN:	.054"
2.4 Separator Type / Size:	Oil Release agent
2.5 Outside / Finished Diameter	$\approx$ .315" + / - .010"

#### 3. Color Code

3.1 Code:	As specified by Customer
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#### 4. Assembly

4.1 MAX Cable Lay Length:	N/A"
4.2 Cable Binder:	N/A
4.3 Cable filler:	N/A
4.4 Cable Shield / Separator:	N/A
4.5 Cable Drain Wire:	N/A
4.6 Ripcord:	N/A

#### 5. Jacket

5.1 Material:	N/A
5.2 Wall Thickness NOM:	N/A
5.3 Wall Thickness MIN:	N/A
5.4 Diameter:	N/A
5.5 Color:	N/A

#### 6. Ratings

6.1 UL/CSA/Auto/Other:	UL 3196 & CSA CL1251 rated 125°C 600 Volts / When used as SIS Rated 90°C in Dry Locations. Meets FT2 and VW-1
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#### 7. Markings (Upon Request)

7.1 Type:	Print wheel / Inkjet
7.2 UL:	6 AWG (13.30 mm <sup>2</sup> ) E312182 (UL) SIS 90°C OR AWM STYLE 3196 XLPE 125°C 600V VW-1 CSA LL67880 CL1251 XLPE OR AWM I A/B 125°C FT2

#### 8. Standards

8.1 Manufactured to:	UL Subject 758 for Style 3196 / UL 44 / CSA 22.2 No. 127 & 210-05
8.2 All materials used in the manufacture of this cable are RoHS & Reach compliant.	

#### 9. Usage:

9.1 External interconnection of electronic equipment or internal wiring of electronic equipment or Appliances.	
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***ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VARIATION***