



# PRODUCT DATA SHEET

## GENCABLE

**Item Description:** 18/7 PVCN Unshielded TC-ER 600V Black

Construction Parameters:		Diameter
Component 1:		0.088
Conductor:	18 AWG 7/.0152 Bare Copper	
Insulation:	PVC/Nylon Nom Wall: 0.021	
Color Code:	Yellow Yellow/Black Black Red Blue White Green	

Cabling:		
Lay Length:	3.46	
Core Wrap:	Clear Mylar	

Jacketing:			Diameter
Outer Jacket:	PVC Nom Wall: 0.047		0.362
Jacket Color:	BLACK		
Legend Type:	InkJet		
SOUTHWIRE® 18 AWG 7/C PVCN/PVC TYPE TC-ER E75755 (PLANT ID CODE) (UL) 600V 90C DRY OIL RES I SUNLIGHT RESISTANT DIRECT BURIAL			
Legend:	BURIAL		
Sequential Marking:	Continuous		

<b>Physical Properties:</b>	
Temperature Range:	90°C

<b>Electrical Properties:</b>	
Voltage Rating:	600V RMS

Industry Approvals:		Features:	Compliance:
UL:	TC-ER	Sunlight Resistant: Yes	RoHS: Complies with EU Dir. 2011/65/EU (RoHS-2)
	UL: 1685	Direct Burial: Yes	
	UL Standard: 66, 1277		

ERF Number	No. Cond.	Gauge AWG/MCM	No. Strands	Nom. Cond.		Insulation Wall, Nom.		Jacket Wall, Nom.		O.D., Nom.		Net Weight	
				DCR Ω/M'	Inches	mm	Inches	mm	Inches	mm	Lb./kft.	kg/km	
35838	7	18	7/.0152	6.66	0.021	0.53	0.047	1.19	0.362	9.19	83	123	

**Note: All dimensions & weights are nominal subject to industry standards and tolerances unless otherwise noted.**

Complies with EU Dir. 2011/65/EU (RoHS-2)

Specification Issue Date:

8/19/2016

Rev Level: