

# UL TC 18AWG/51C PVC Jacket Control Tray Cable

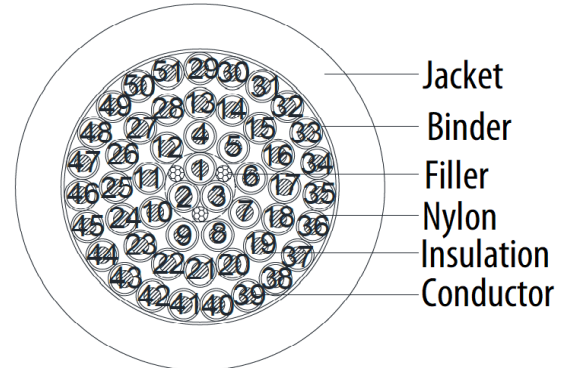
90°C, 600V



## PRODUCT DATA SHEET

TC cable is suitable for use in exposed runs and features a sunlight-resistant PVC jacket and PVC/Nylon insulation.

Design Number 11095  
Part Number 32201857  
Customer Number N/A



### CONSTRUCTION

**Conductor:** Stranded annealed bare copper  
**Conductor Size:** 18AWG, 19 Strands  
**Insulation Material:** Polyvinyl Chloride/Nylon  
**Insulation Thickness:** 0.016"/0.005"(Nom.)  
**Fillers:** Cotton (If necessary)  
**Binder:** Non-woven tape  
**Jacket Material:** Polyvinyl Chloride  
**Jacket Thickness:** 0.085"(Nom.)  
**Overall Diameter:** 0.892"±0.070"  
**Jacket Color:** Black

#### Print Legend:

ASCENT E478019 \*\* (UL) TC THWN-2 90°C DRY/90°C WET 600V SUN RES OIL  
RES I FT4 XXXXXm  
Note: "\*\*\*" is factory code

**Color Code:** Black with numbered 1- 50, 51: Green/Yellow

### ELECTRICAL CHARACTERISTICS

**Operating Temperature (°C):** 90°C  
**Operating Voltage:** UL 600V  
**Max. DC Conductor Resistance:** 21.8 Ω/km  
**Dielectric Strength:** AC 2.5 kV/1min

### SAFETY CHARACTERISTICS

UL listed as Type TC per UL Standard 1277 for Tray Cables  
**Flame Test:** FT4  
**UV Resistance:** According to UL 1581-1200  
**Oil Resistant:** Oil Res I  
**RoHS Complaint**

**Application:** Suitable for use in free air, raceways, or direct burial applications, and in wet or dry conditions

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Revision History		
/	2025/03/31	Draft
00	2025/06/09	Initial Release
Created L. Jian		Approved T. Plochocki

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