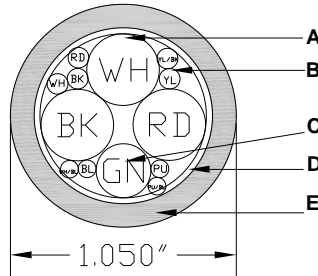


# Cable Engineered by Prysmian

## 600 Volt, Tray Cable

### PVC/Nylon Insulated Circuit Conductors

### Overall PVC Jacket



#### Components

- A: (3) - #2 AWG Class C stranded, soft drawn, bare copper circuit conductors w/40 mils (1.02 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 6 mils (0.15 mm) nylon applied directly to the surface of the insulation.
- B: (9) - #18 AWG Class K stranded, soft drawn, bare copper conductors w/15 mils (0.38 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 4 mils (0.10 mm) nylon applied directly to the surface of the insulation.
- C: (1) - #6 AWG Class C stranded, soft drawn, bare copper grounding conductor w/30 mils (0.76 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 5 mils (0.13 mm) nylon applied directly to the surface of the insulation
- D: Mylar binder tape.
- E: 80 mils (2.03 mm) of heat and moisture resistant, polyvinyl chloride (PVC) jacket. A ripcord shall be placed underneath the jacket.

#### Print Legend

(UL) E60544-PA POWER AND CONTROL TRAY CABLE TYPE TC-ER-JP 2 AWG (33,6 mm<sup>2</sup>) 3/C + 6 AWG (13,3 mm<sup>2</sup>) 1/C GROUND THWN CONDS 75C DRY/75C WET & 18 AWG (0,82 mm<sup>2</sup>) 9/C TFFN CONDS 600V OIL RES I SUNLIGHT RESISTANCE DIRECT BURIAL JOIST PULL TCERDirect.com P/N 2023TCERJP26CU9 "sequential footage print"

#### Physical Characteristics

Cable Weight:	1048 lb/mft (1559 kg/km)
Copper Weight:	743 lb/mft (1106 kg/km)
Nominal Cable OD:	1.050 in (26.7 mm)
Conductor Color Code:	2 AWG - Black, White and Red 6 AWG - Green 18 AWG - Black, Red, Yellow, Yellow/Black, Blue, White, Purple, Purple/Black and White/Blue
Jacket Color:	medium – dark GREY

<b>R e v</b>	<b>DATE</b>	<b>CHANGE DETAIL</b>	<b>Prysmian Group</b>	<b>Prysmian Cables and Systems USA, LLC</b> One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092		
	0	02/14/23				New Issue
	1	03/07/23				Added SAP P/N
	2	03/29/23				Changed PN TCERJP 2426G+2 to 2023TCERJP26CU9
3				<b>Project Name:</b>	<b>TCERDirect</b>	
<b>Approvals:</b>		Engineering:	Final:	<b>Part Number:</b>	<b>20415408</b>	
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				<b>File Number:</b>	type tc thhn-pvc 3C2 1C6 9C18 tcerdirect 20415408	
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## Electrical / Optical Characteristics

Voltage: 600V

## Specifications

Conductors: ASTM B 3, ASTM B 8, ASTM B 174

Insulation: ICEA S-95-658 (NEMA WC 70), ICEA S-73-532 (NEMA WC 57), UL 83 for Type THWN wires

Jacket: ICEA S-95-658 (NEMA WC 70), ICEA S-73-532 (NEMA WC 57), UL 1277

## Ratings

UL THWN 600V

UL Type TC-ER-JP 600V


The insulation is acceptable for use in locations at 75 °C dry and 75 °C wet.

The cable is suitable for use in cable trays, aerial or direct burial installations.

The cable is JP rated for installation in accordance with Part II of Article 334.

## Packaging

Bulk reels

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