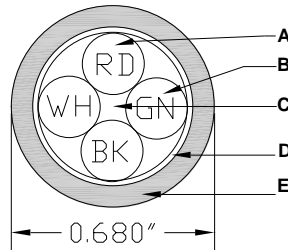


Cable Engineered by Prysmian
600 Volt, Tray Cable
PVC/Nylon Insulated Circuit Conductors
Overall PVC Jacket



Components

- A: (3) - #8 AWG Class C (19 strand), soft drawn, bare copper circuit conductors 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.
- B: (1) - #10 AWG Class C (19 strand), soft drawn, bare copper grounding conductor w/45 mils (1.14 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: Non-hygroscopic fillers (in center).
- D: Mylar binder tape.
- E: 60 mils (1.52 mm) of heat and moisture resistant, polyvinyl chloride (PVC) jacket. A ripcord shall be placed underneath the jacket.

Print Legend

(UL) E60544 TRABLE™ POWER AND CONTROL TRAY CABLE TYPE TC-ER-JP 8 AWG (8,37 mm²) 3/C + 10 AWG (5,26 mm²) 1/C GROUND THWN CONDS 600V 75C DRY/75C WET OIL RES I SUNLIGHT RESISTANCE DIRECT BURIAL JOIST PULL TCERDirect.com PN CU-TCERJP-8/3WG "sequential footage print"

Physical Characteristics

Cable Weight: 330 lb/mft (491 kg/km)
 Copper Weight: 186 lb/mft (277 kg/km)
 Nominal Cable OD: 0.680 in (17.3 mm)
 Conductor Color Code: 8 AWG - Black, White and Red
 10 AWG - Green
 Jacket Color: Black

Electrical / Optical Characteristics

Voltage: 600V

R e v	DATE	CHANGE DETAIL			Prysmian Group	Prysmian Cables and Systems USA, LLC One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
	0	07/20/21	Customer PN & SAP PN added				
	1	03/16/22	Added TRABLE™ to print				
	2	07/20/22	Filler in center				
3	08/11/22	Customer PN changed EV-TCER-32/40-50A to CU-TCERJP-8/3WG			Project Name:	TCERDirect	
Approvals:		Engineering:	Final:				
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						Quote Number:	Q20367307-7010076307
						File Number:	Type tc thhn-pvc 3C8 1C10 tcerdirect 20374089
						Page Number:	Page 1 of 2

Specifications

Conductors: ASTM B 3, ASTM B 8

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

R e v	DATE	CHANGE DETAIL				Prysmian Cables and Systems USA, LLC One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
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					Page Number:	Page 2 of 2	
					EngDrawing-Rev06-April 2021		