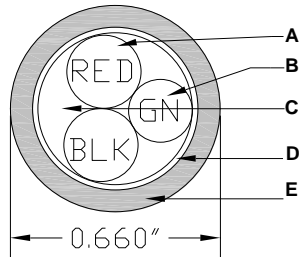


Cable Engineered by Prysmian
600 Volt, Tray Cable
PVC/Nylon Insulated Circuit Conductors
Overall PVC Jacket



Components

- A: (2) - #6 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) - #8 AWG Class C (19 strand), 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
- C: Non-hygroscopic fillers (as needed).
- 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 6 AWG (13,3 mm²) 2/C + 8 AWG (8,37 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-6/2WG "sequential footage print"

Physical Characteristics

Cable Weight: 346 lb/mft (515 kg/km)
 Copper Weight: 212 lb/mft (315 kg/km)
 Nominal Cable OD: 0.660 in (16.76 mm)
 Conductor Color Code: 6 AWG – Black and Red
 8 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	05/10/22	New Issue		
1	05/17/22	Color Code changed to Blk & Red		
2	07/20/22	Changed jkt color GY to Blk		
3	08/11/22	Added SAP P/N + GENPRO P/N		
Approvals: Engineering: <input type="text"/> Final: <input type="text"/>			Project Name:	TCERDirect
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			Quote Number:	Q20393944 - 7010086321
			File Number:	Type tc thhn-pvc 2C6 1C8 tcerdirect 20399918
			Page Number:	Page 1 of 2
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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

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Approvals:		Engineering:		Final:		Quote Number: Q20393944 - 7010086321		
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			Page Number: Page 2 of 2					
			EngDrawing-Rev06-April 2021					