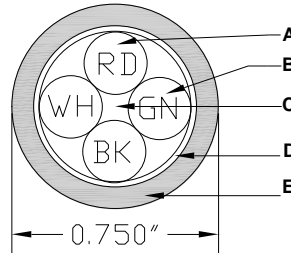


**Cable Engineered by Prysmian**  
**600 Volt, Tray Cable**  
**PVC/Nylon Insulated Circuit Conductors**  
**Overall PVC Jacket**



**Components**

- A: (3) - #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 (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 6 AWG (13,3 mm<sup>2</sup>) 3/C + 8 AWG (8,37 mm<sup>2</sup>) 1/C GROUND THWN CONDS 600V 75C DRY/75C WET OIL RES I SUNLIGHT RESISTANCE DIRECT BURIAL JOIST PULL TCERDirect.com PN CU-TCERJP-6/3WG "sequential footage print"

**Physical Characteristics**

Cable Weight: 458 lb/mft (682 kg/km)  
 Copper Weight: 292 lb/mft (434 kg/km)  
 Nominal Cable OD: 0.750 in (19.05 mm)  
 Conductor Color Code: 6 AWG - Black, White and Red  
 8 AWG – Green  
 Jacket Color: Black

**Electrical / Optical Characteristics**

Voltage: 600V

|  |             |  |                           |   |  |   |
|--|-------------|--|---------------------------|---|--|---|
| <b>R<br/>e<br/>v</b>   | <b>DATE</b> | <b>CHANGE DETAIL</b>                                       | <b>Prysmian<br/>Group</b> | <b>Prysmian Cables and<br/>Systems USA, LLC</b><br>One Tamaqua Blvd<br>Schuylkill Haven PA 17972<br>Phone: 570-385-4381 Fax: 570-385-1092 |  |   |
|  | 0           | 09/10/21   |                           |   |  | Changed jkt color Bk to GY, added Sap P/N         |
|  | 1           | 03/16/22   |                           |   |  | Added TRABLE™ to print                            |
|  | 2           | 07/20/22   |                           |   |  | Changed jkt color GY to Bk, Filler in center only |
| 3  | 08/11/22    | Customer PN changed CU-EV-TCERJP-48-60A to CU-TCERJP-6/3WG | <b>Project Name:</b>      | <b>TCERDirect</b>   |  |   |
| <b>Approvals:</b>  |             | Engineering:   |                           |   |  | Final:  |
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|  |             |  | <b>Quote Number:</b>      | Q20375554 - 7010079264  |  |   |
|  |             |  | <b>File Number:</b>       | Type tc thhn-pvc 3C6 1C8 tcerdirect 20377644  |  |   |
|  |             |  | <b>Page Number:</b>       | 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

|  |             |  |   |        |  |   |  |
|--|-------------|--|---|--------|--|---|--|
| <b>R<br/>e<br/>v</b>   | <b>DATE</b> | <b>CHANGE DETAIL</b>                                       |   |        |  | <b>Prysmian Cables and Systems USA, LLC</b><br>One Tamaqua Blvd<br>Schuylkill Haven PA 17972<br>Phone: 570-385-4381 Fax: 570-385-1092 |  |
|  | 0           | 09/10/21   | Changed jkt color Bk to GY, added Sap P/N         |        |  |   |  |
|  | 1           | 03/16/22   | Added TRABLE™ to print                            |        |  |   |  |
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| <b>Approvals:</b>  |             | Engineering:   |   | Final: |  |   |  |
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| <b>Part Number:</b>  |             |  |   |        | <b>20377644</b>  |   |  |
| <b>Quote Number:</b>   |             |  |   |        | Q20375554 - 7010079264   |   |  |
| <b>File Number:</b>  |             |  |   |        | Type tc thhn-pvc 3C6 1C8 tcerdirect 20377644   |   |  |
| <b>Page Number:</b>  |             |  |   |        | Page 2 of 2  |   |  |