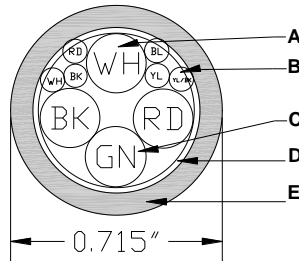


Cable Engineered by Draka

600 Volt, CIC/Tray Cable

PVC/Nylon Insulated Circuit Conductors

Overall PVC Jacket



Components




- A: (3) - #8 AWG Class C stranded, 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: (6) - #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) - #10 AWG Class C stranded, soft drawn, bare copper grounding conductor w/48 mils (1.22 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
- D: Mylar binder tape.
- E: 60 mils (1.524 mm) of heat and moisture resistant, polyvinyl chloride (PVC) jacket.

Print Legend

(UL) E60544 POWER AND CONTROL TRAY CABLE TYPE TC-ER-JP 8 AWG (8,37 mm²) 3/C + 10 AWG (5,26 mm²) 1/C GROUND THHN/THWN CONDS 90C DRY/75C WET & 18 AWG (0,82 mm²) 6/C TFFN CONDS 600V OIL RES I SUN RES DIR BUR OR c(UL) CIC/TC TYPE PVC/N -25C 90C DRY/75C WET 600V FT4 JOIST PULL
P/N TCER 0711 "sequential footage print"

Physical Characteristics

Cable Weight:	390 lb/mft (580 kg/km)
Copper Weight:	220 lb/mft (327 kg/km)
Nominal Cable OD:	0.715 in (18.1 mm)
Conductor Color Code:	8 AWG - Black, White and Red 10 AWG - Green 18 AWG - Black, Red, Yellow, Yellow/Black, Blue and White
Jacket Color:	Orange

R e v	DATE	CHANGE DETAIL	  	Draka Engineered Solutions One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092
0	01/25/19	New Issue		
1	08/15/19	Added SAP1C P/N		
2				
3				
Approvals:		Engineering: <input type="text"/>	Final: <input type="text"/>	Project Name: <input type="text"/>
Draka Cableteq USA Inc. reserves the right to modify this information without prior notification and does not make a warranty or representation of any kind, whether implied or expressed with respect to the information contained herein. Draka Cableteq assumes no risks, and will not be liable for direct or indirect, special, incidental or consequential damages, any defect or personal injury resulting from the use of this document. EngDrawing-Rev01-April07			Part Number:	20312262
			Quote Number:	NA
			File Number:	type tc thhn-pvc 3C8 1C10 6C18 c(UL) 20312262
			Page Number:	Page 1 of 2

Electrical / Optical Characteristics

Voltage: 600V

Specifications




Conductors: ASTM B 3, ASTM B 8, ASTM B174
 ICEA S-95-658 (NEMA WC 70), ICEA S-73-532 (NEMA WC 57)
 CSA C22.2 No. 75 & UL 83 for Type THHN/THWN wires
 UL 1277
 CSA C22.2 No. 239 for Type CIC/TC

Ratings

UL THHN/THWN 600V
 UL Type TC-ER-JP 600V
 CSA CIC/TC
 The insulation is acceptable for use in locations at 90 °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			  	Draka Engineered Solutions One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
	0	01/25/19	New Issue				
	1	08/15/19	Added SAP1C P/N				
	2						
3					Project Name:		
Approvals:		Engineering:		Final:			
Draka Cableteq USA Inc. reserves the right to modify this information without prior notification and does not make a warranty or representation of any kind, whether implied or expressed with respect to the information contained herein. Draka Cableteq assumes no risks, and will not be liable for direct or indirect, special, incidental or consequential damages, any defect or personal injury resulting from the use of this document. EngDrawing-Rev01-April07					Part Number:	20312262	
					Quote Number:	NA	
					File Number:	type tc thhn-pvc 3C8 1C10 6C18 c(UL) 20312262	
					Page Number:	Page 2 of 2	