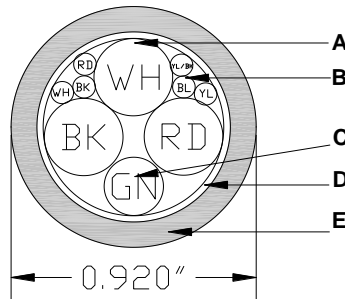


Cable Engineered by Draka

600 Volt, CIC/Tray Cable

PVC/Nylon Insulated Circuit Conductors

Overall PVC Jacket



Components




- A: (3) - #4 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: (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) - #8 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.

Print Legend

(UL) E60544 POWER AND CONTROL TRAY CABLE TYPE TC-ER-JP 4 AWG (21,2 mm²) 3/C + 8 AWG (8,37 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 1216 "sequential footage print"

Physical Characteristics

Cable Weight:	752 lb/mft (1119 kg/km)
Copper Weight:	475 lb/mft (707 kg/km)
Nominal Cable OD:	0.920 in (23.4 mm)
Conductor Color Code:	4 AWG - Black, White and Red 8 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					Project Name:		
Approvals:		Engineering:	Final:				
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					Quote Number:	NA	
					File Number:	type tc thhn-pvc 3C4 1C8 6C18 c(UL) 20312261	
					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

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			Quote Number:		NA	
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			Page Number:		Page 2 of 2	