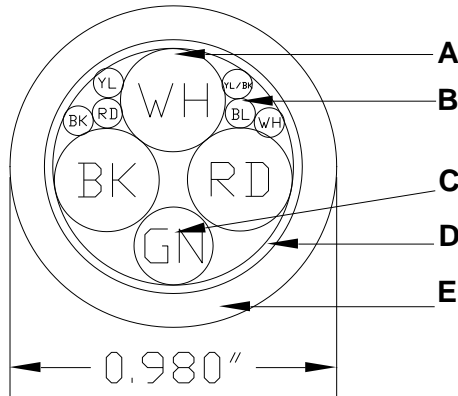


Cable Engineered by Draka
600 Volt, Tray Cable
PVC/Nylon Insulated Circuit Conductors
Overall PVC Jacket



Components


- A: (3) - #3 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 3 AWG (26,7 mm²) 3/C + 8 AWG (8,37 mm²) 1/C GROUND THWN CONDS & 18 AWG (0,82 mm²) 6/C TFFN CONDS 600V 75C DRY/75C WET OIL RES I SUNLIGHT RESISTANCE DIRECT BURIAL JOIST PULL GENERAC P/N 1722 "sequential footage print"

Physical Characteristics

Cable Weight: 900 lb/mft (1339 kg/km)
 Copper Weight: 577 lb/mft (859 kg/km)
 Nominal Cable OD: 0.980 in (24.9 mm)

Rev	DATE	CHANGE DETAIL				Draka Engineered Solutions One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
	0	02/03/17	New Issue				
	1						
	2						
	3						
Approvals:		Engineering:		Final:	Project Name:	Generac	
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					Quote Number:	NA	
					File Number:	type tc thhn-pvc 3C3 1C8 6C18 382891 GENERAC	
					Page Number:	Page 1 of 2	

Physical Characteristics

Conductor Color Code:

3 AWG - Black, White and Red

8 AWG - Green

18 AWG - Black, Red, Yellow, Yellow/Black, Blue and White

Jacket Color:

Orange

Electrical / Optical Characteristics

Voltage:

600V

Specifications

Conductors: ASTM B 3, ASTM B 8, ASTM B174

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.

Packaging

Bulk reels

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						Page Number:	Page 2 of 2