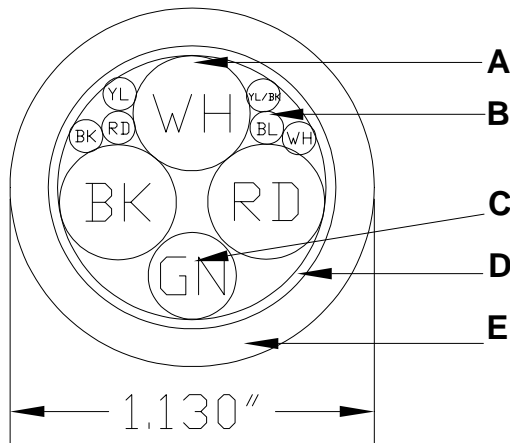


Cable Engineered by Draka
600 Volt, Tray Cable
PVC/Nylon Insulated Circuit Conductors
Overall PVC Jacket



Components


- A: (3) - #1 AWG Class B stranded, 8000 series, aluminum conductors w/50 mils (1.27 mm) heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 7 mils (0.18 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) - #6 AWG Class B stranded, 8000 series, aluminum 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 1 AWG AL (42,4 mm²) 3/C + 6 AWG AL (13,3 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 AL1622 "sequential footage print"

Physical Characteristics

Cable Weight: 664 lb/mft (988 kg/km)
 Copper Weight: 31 lb/mft (46 kg/km)
 Aluminum Weight: 267 lb/mft (397 kg/km)
 Nominal Cable OD: 1.130 in (28.7 mm)

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	10/12/17			New Issue
	1	10/18/17			Changed PN, Cable Weight
	2	10/24/17			Added JP installation under ratings
3					
Approvals:			Project Name:	Generac	
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:		382924
			Quote Number:		Q04278-3
			File Number:	type tc thhn-pvc 3C1AL 1C6AL 6C18BC 382924 GENERAC	
			Page Number:	Page 1 of 2	

Physical Characteristics

Conductor Color Code:

1 AWG - Black, White and Red

6 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 174, ASTM B 801

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

Rev	DATE	CHANGE DETAIL			Draka Engineered Solutions One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
0	10/12/17	New Issue				
1	10/18/17	Changed PN, Cable Weight				
2	10/24/17	Added JP installation under ratings				
3						
Approvals:		Engineering:		Final:	Project Name:	Generac
<small>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.</small> EngDrawing-Rev01-April07				Part Number:	382924	
				Quote Number:	Q04278-3	
				File Number:	type tc thhn-pvc 3C1AL 1C6AL 6C18BC 382924 GENERAC	
				Page Number:	Page 2 of 2	