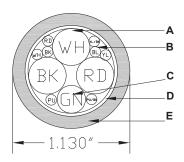
Cable Engineered by Draka 600 Volt, Tray Cable PVC/Nylon Insulated Circuit Conductors Overall PVC Jacket



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: (8) #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. A ripcord shall be placed underneath the 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) 8/C TFFN CONDS 600V 75C DRY/75C WET OIL RES I SUNLIGHT RESISTANCE DIRECT BURIAL JOIST PULL TCERDirect P/N AL TCERJP 1624G+2 "sequential footage print"

Physical Characteristics

Cable Weight: 635 lb/mft (945 kg/km)
Copper Weight: 40 lb/mft (60 kg/km)
Aluminum Weight: 260 lb/mft (387 kg/km)
Nominal Cable OD: 1.130 in (28.7 mm)

Conductor Color Code: 1 AWG - Black, White and Red

6 AWG - Green

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

Jacket Color: medium – dark GREY

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0	07/28/20	New Issue				- Draka		One Tamaqua Blvd Schuylkill Haven PA 17972	
1	1 01/29/21 Jacket color changed					General Cable		Phone: 570-385-4381 Fax: 570-385-1092	
2	01/29/21	Added SAP1C	P/N			O Comoral Gualo			
3						Project Name:			
А	pprovals:	Engineering:		Final:		•			
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						Page Number:	Page 1 of 2		

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

Bending Radius: 5 x OD

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

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0	07/28/20	New Issue				Schuylki		One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
1	01/29/21	Jacket color ch	anged						
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3						Project Name:			
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