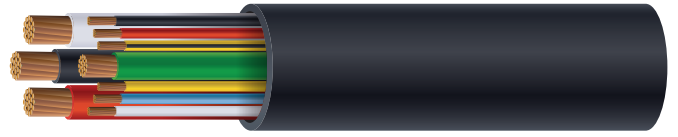


# Tray Cable UL Type TC / TC-ER-JP 600V

## 3#3AWG, 6#18AWG and 1#8 Ground Generator Cable



### APPLICATION:

Multi-conductor all in one cable for connecting a 17kW – 22kW generator to a transfer switch. JP (Joist Pull) rated per the 2017 NEC 336.10(9). Black jacket and color coded inner conductors.

### CONDUCTORS:

- Element 1 (3AWG): Annealed bare copper Class C
- Element 2 (18AWG): Annealed bare copper Class K
- Element 3 (8AWG): Annealed bare copper Class C

### INSULATION:

- Element 1, 2 & 3: Polyvinylchloride (PVC) & Nylon

### ASSEMBLY:

All 3 Elements or Conductors are cabled together with Non-Hygroscopic Polypropylene fillers as required for a circular cross-section with a clear mylar binder tape and jacketed.

### JACKET:

- Sunlight resistant and direct burial approved PVC with ripcord rated 75°C wet or dry per UL 1277

### COLOR CODE:

- Element 1: Black, White, Red
- Element 2: Black, Red, Yellow, Yellow/Black, Blue, White
- Element 3: Green Ground

### STANDARDS:

- UL Listed as TC-ER-JP per UL Standard 1277
- Rated 75°C wet or dry to meet UL 83 for THHN/THWN-2
- Meets cold bend test at -40°C
- ICEA S-73-532
- Meets UL 1581 & 1202 (FT-4) 70,000 BTU/HR & ICEA T-29-520 210,000 BTU/HR requirements
- REACH compliant per Regulation (EC) No 1907/2006 (197) Updated January 15, 2019
- Cable is suitable for use in Class I Division 2 hazardous locations
- 3 AWG and 8 AWG conductors pass UL VW-1 flame test, rated THWN/VW-1

Part Number	Section	Conductor Size	No. of Conductors	No. of Strands	Insulation Thickness		Nylon Thickness		Jacket Thickness		Overall Diameter	Net Weight
		AWG			Inches	mm	Inches	mm	Inches	mm	Inches	lbs/Mft
3-03TCG/18-06-VN	Element 1	3	3	19	0.040	1.02	0.007	0.18	-	-	-	-
	Element 2	18	6	16	0.015	0.38	0.005	0.13	-	-	-	-
	Element 3	8	1	19	0.030	0.76	0.005	0.13	-	-	-	-
	Overall	-	-	-	-	-	-	-	0.080	2.03	0.951	865

All values are nominal and subject to correction.



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