



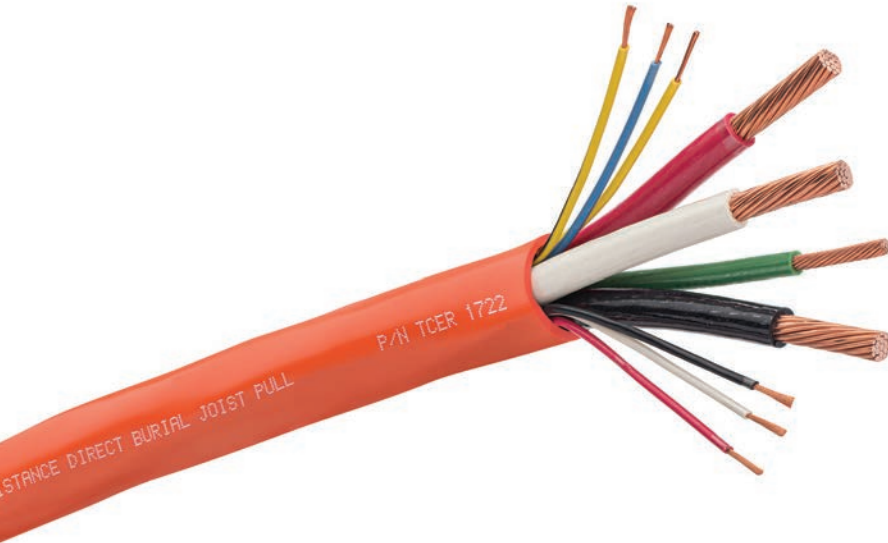
Draka

A brand of the

Prysmian Group

Power and Control Tray Cable

with THWN conductors / PVC jacket / 600 volt



Applications

For important industrial power or control circuits where small diameter, highly flame-retardant cables are desired. The cables are UL listed in accordance with Article 340 of the NEC and are approved for use where exposed to direct sunlight or directly buried.

Specifications and Ratings

- UL Standards 83 and 1277
- Type TC-ER-JP
- Oil Resistance
- Sunlight Resistant
- Direct Burial
- 75°C Wet/Dry
- Cable Tray Use



Design Parameters

CONDUCTORS: Bare soft copper per ASTM B 3, Class B concentrically stranded per ASTM B 8.

INSULATION: High dielectric strength heat and moisture-resistant colored polyvinylchloride (PVC) rated for continuous use at 75°C wet/dry to meet UL 83 for THWN wire.

CONDUCTOR JACKET: Sheathed with a clear nylon jacket meeting UL 83 for THWN.

CIRCUIT IDENTIFICATION: PVC insulation is coded in accordance with NEMA WC-57 Color Code.

ASSEMBLY: Individual conductors are cabled, with non-hygroscopic fillers where necessary, to form a round compact core and wrapped with a binder. Two conductor cables are assembled flat parallel.

JACKET: Abrasion, oil and chemical resistant and highly flame retardant PVC jacket to meet UL Standard 1277.

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Generac Number	Power Conductors	Conductor AWG	Insulation Thickness (mils)	Control Conductors	Conductor AWG	Insulation Thickness (mils)	Ground	Insulation Thickness (mils)	Jacket Thickness (mils)	Cable OD (in)	Cable Weight (lb/Mft)
0711	3	8	30 / 5	6	18	15 / 4	10	30 / 5	60	0.72	390
1216	3	4	40 / 6	6	18	15 / 4	8	30 / 5	80	0.92	752
1722	3	3	40 / 6	6	18	15 / 4	8	30 / 5	80	0.98	900

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