

PVC POWER CABLE

**TYPE THHN/THWN WITH GROUND
90 DEG. D. DRY, 75 DEG. C WET. 600V
NEC ARTICLE 340**

APPLICATIONS:

- Industrial power to motors and other electrical devices.
- Primary installations in cable trays and raceways.
- Outdoor locations where supported by a messenger wire.
- Approved for direct burial.*

FEATURES:

- Flame retardant Hazardous locations.

CONDUCTORS:

- Annealed stranded bare copper per ASTM B-8.

INSULATION:

- Heat resistant PVC.
- Oil & gasoline resistant nylon Jacket per UL 83.

JACKET:

- Heat, moisture and sunlight resistant.
- Sequential footage marker.

APPROVALS:

- UL standard 1581 for CT use.
- UL standard 1277 for direct burial and sunlight resistance.
- IEEE 383(70,000 BTU/hr.) vertical cable tray flame test
- ICEA T-29-520 (210,000 Btu/hr.) vertical cable tray flame test.

COLOR CODE;

- ICEA S-66-524, Method I, Table K-2.
- 1-Blk, 2-Red, 3-Blu, 4-Org, 5-YEL, 6-BRN, 7-Red/Blk

*Approved for direct burial Class 1, Div. 2 hazardous locations per NEC article 501 and class I circuits per NEC article 725.

TEMPERATURE RATING; 90°C. DRY, 75°C. WET.

14 - 18 AWG. 7 STRANDS. 90°C, 600V. THHN/THWN WITH GROUND

ABLE P/N Number	AWG Size	No of Cond	Ground Size AWG	Nom Ins Thickness	Nom OD
10/2 THWN-BLK	10	2	10	0.045	0.450
10/3 THWN-BLK	10	3	10	0.045	0.480
10/4 THWN-BLK	10	4	10	0.060	0.570
10/7 THWN-BLK	10	7	10	0.060	0.690
12/2 THWN-BLK	12	2	12	0.045	0.380
12/3 THWN-BLK	12	3	12	0.045	0.410
12/4 THWN-BLK	12	4	12	0.045	0.450
12/7 THWN-BLK	12	7	12	0.060	0.510
14/2 THWN-BLK	14	2	14	0.045	0.340
14/3 THWN-BLK	14	3	14	0.045	0.370
14/6 THWN-BLK	14	6	14	0.045	0.450