

Power Cable

Thermo-Trex® 200-HD Single Conductor Cable

Thermo-Trex® 200-HD Single Conductor Cable is a high-temperature cable for power and control applications that can withstand a maximum conductor temperature of 200°C / 392°F. This flexible single conductor cable offers better cut-through and abrasion resistance than traditional SRML cable thanks to its woven high-density fabric jacket, with flexible, tinned copper stranding allowing for easier installation.



Ratings



600V

Max Conductor Temperature 200°C

Cold Temperature Rating -60°C

AWM Style 3974

CSA Std. C22.2 No. 210-15 Class I Group A/B 200C

FT2 Flame Rating

Performance Characteristics

✓ Bend Radius (Static): 6x Cable O.D. ✓ Bend Radius (Dynamic): 8x Cable O.D.

Engineered to Resist



Flexing



Abrasion



High Temperature



Cold Temperature

Features & Benefits

Tinned Copper Conductors

Tinned conductors resist corrosion and are easier to solder.

Silicone Rubber Insulation

Provides resistance to heat, moisture, and chemicals.

Specially Designed High Temp Jacket

Braided high-temp resistant PET industrial yarn jacket saturated with moisture-resistant finishing compounds to provide added abrasion resistance.

Optional Stainless Steel Overbraid

Provides enhanced protection against abrasion and other environmental abuses.

Ordering Information

For complete product ordering information, please scan the QR Code or contact your ATPC sales representative

Part Number							
Black Jacket	White Jacket	Red Jacket	Configuration AWG/Cond	Ampacity*	Nominal O.D. (in)	W.T. (lbs) Per 1,000 ft.	Standard Cable Gland**
441018BLK	441018WHT	441018RED	18 AWG	27	0.140	13	55405
441016BLK	441016WHT	441016RED	16 AWG	37	0.150	16	55405
441014BLK	441014WHT	441014RED	14 AWG	51	0.162	21	55405
441012BLK	441012WHT	441012RED	12 AWG	66	0.182	31	55405
441010BLK	441010WHT	441010RED	10 AWG	89	0.238	52	55001
441008BLK	441008WHT	441008RED	8 AWG	125	0.294	85	55001
441006BLK	441006WHT	441006RED	6 AWG	167	0.365	125	55002
441004BLK	441004WHT	441004RED	4 AWG	226	0.412	168	55004
441002BLK	441002WHT	441002RED	2 AWG	305	0.486	267	55004
441001BLK	441001WHT	441001RED	1 AWG	362	0.563	321	55005
441100BLK	441100WHT	441100RED	1/0 AWG	423	0.601	403	55005
441200BLK	441200WHT	441200RED	2/0 AWG	492	0.656	493	55006
441300BLK	441300WHT	441300RED	3/0 AWG	575	0.706	605	55007
441400BLK	441400WHT	441400RED	4/0 AWG	672	0.777	745	55007
441250BLK	441250WHT	441250RED	250 kcmil	756	0.834	948	55008
441350BLK	441350WHT	441350RED	350 kcmil	947	0.944	1,273	55009
441500BLK	441500WHT	441500RED	500 kcmil	1202	1.074	1,722	55010

Notes

*Based on single conductor in free air, ambient temperature of 40°C and conductor temperature of 200°C per IEEE Standard 835 Power Cable Ampacity Table.

**Crip-Seals® Aluminum straight cable gland part number listed. Sizing based on nominal cable O.D. Due to process tolerances, a smaller/larger gland size may be required. Confirm NPT Fitting Size matches application. Non-standard Cable Glands listed for small Nominal O.D. cables.