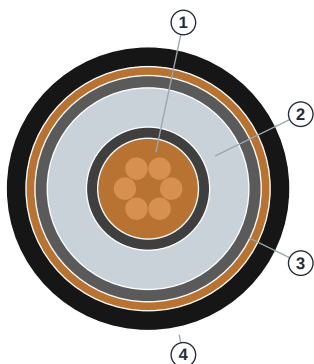




2.4kV Medium-Voltage Power Cable

Copper · Compressed · EPR · LSZH-TS



CONSTRUCTION

- | | |
|----------------------------|--|
| 1. Conductor | Class B compressed stranded bare copper per ASTM B3 and B8 (tinned copper per ASTM B33 optional) |
| 2. Conductor Shield | Semi-conducting cross-linked copolymer |
| 3. Insulation | Ethylene Propylene Rubber (EPR) |
| 4. Overall Jacket | Thermoset Low Smoke Zero Halogen (LSZH-TS) |

APPLICATIONS & FEATURES

Tanner's 2.4kV cables are suited for use in wet and dry areas, conduits, ducts, troughs, and where superior electrical properties are desired. These cables are capable of operating continuously at the conductor temperature not in excess of 90°C for normal operation, 130°C for emergency overload, and 250°C for short circuit conditions. Rated at -25°C for cold bend. Rated for 1000 lb/ft maximum sidewall pressure. Silicone Free.

SPECIFICATIONS & STANDARDS

- ASTM B3 Soft or Annealed Copper Wire
- ASTM B33 Standard Specification for Tin-Coated Soft or Annealed Copper Wire
- UL 1685 Vertical-Tray Fire Propagation and Smoke Release Test (1/0 and Larger)
- CT USE Sizes 1/0 AWG and Larger
- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 1072 Medium-Voltage Power Cables
- ICEA S-96-659 (NEMA WC 71) 2001-5000 V Nonshielded Cables
- Made in America: Compliant with both Buy American and Buy America Act (BAA) requirements per 49 U.S.C. § 5323(j) and the Federal Transit Administration Buy America requirements per 49 C.F.R. part 661
- AREMA 10.3.13 Recommended Design Criteria for Low-Smoke Halogen Free (LSHF) Polymeric Cable Jackets

TABLE 1 — DIMENSIONS & WEIGHTS

Tanner Part No.	Size AWG/kcmil	Count No. of Strands	Conductor inch	Insulation inch	Thickness mil	Thickness mil	OD inch	Weight lb/1000ft	Weight lb/1000ft	Tensio n lb	Bending Radius inch	Size inch
05A-CRE0H-0008	8	7	0.142	0.435	125	80	0.595	50	199	132	4.7	2
05A-CRE0H-0006	6	7	0.178	0.465	125	80	0.625	81	241	209	5.0	2
05A-CRE0H-0002	2	7	0.282	0.57	125	80	0.741	204	426	530	5.9	2.5
05A-CRE0H-0200	2/0	19	0.405	0.695	125	80	0.871	410	690	1064	6.9	2.5
05A-CRE0H-500M	500	37	0.789	1.09	140	110	1.332	1543	2091	4000	10.6	4