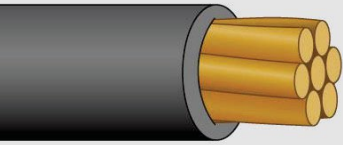


COVERED LINE WIRE



APPLICABLE STANDARDS AND TESTS

- ✓ ASTM B-1, B-3, and B-8
- ✓ ASTM D-1248
- ✓ NEMA WC-5
- ✓ ICEA S-61-402, ICEA S-70-547
- ✓ ICEA S-95-658/NEMA WC70
- ✓ CSA C68.9
- ✓ Spark tested at 7500 VAC

VALUE ADD SERVICE

- ✓ Custom lengths and put-ups
- ✓ 12 available colors
- ✓ Wire paralleling and cabling
- ✓ Wire striping
- ✓ Custom print legends and labels

SCOPE

Covered Line Wire is used in uninsulated transformer wire applications, providing excellent mechanical, abrasion, moisture, chemical and oil resistance. For this application, the HMWPE is not considered an electrical insulation; however, it does reduce faults due to atmospheric conditions, vibrations, and crossed leads.

CONSTRUCTION

Conductors: Single copper conductors are solid or stranded, annealed or hard uncoated copper.

Insulation: Black, sunlight resistant polyethylene with concentrically applied insulation, Type I, Class A, Cat 5, and Grades E4-E5. Types II, III, and IV (MDPE and HDPE) are available on request.

Note: This product, when requested, is also available in Cross Linked Polyethylene (XLPE) insulation.

IDENTIFICATION AND PACKAGING

Long length bulk reels are standard. Custom lengths, stranding and packaging are available by request.

AWG	Standard Number of Strands	Insulation Thickness (inches)	Nominal Overall Diameter - Inches (standard strands)	Approx. Shipping Weight (Lbs./Mft.)	Nominal DC Resistance OHM/1000 ft @ 20°C
8	1, 7	0.030	0.21	60	0.654
6	1, 7	0.030	0.25	92	0.411
4	1, 7	0.030	0.29	142	0.259
2	1, 7	0.045	0.38	228	0.163
1	19	0.045	0.42	284	0.129
1/0	7, 19	0.060	0.49	364	0.102
2/0	19	0.060	0.54	453	0.081
3/0	19	0.060	0.59	564	0.064
4/0	19	0.060	0.65	705	0.051
250	37	0.060	0.70	828	0.043
300	37	0.060	0.75	987	0.035
350	37	0.060	0.80	1148	0.030
400	37	0.075	0.88	1325	0.026
450	37	0.075	0.92	1485	0.023
500	37	0.075	0.96	1642	0.021



SNAP FOR MORE INFORMATION

Spec: Covered Line Wire
 Issued: 03/17/2025
 Supersedes: 02/03/2025