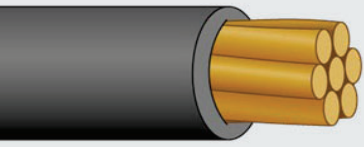


# COVERED LINE WIRE



## APPLICABLE TESTS AND STANDARDS

- ✓ ASTM B-1, B-3 AND B-8
- ✓ CSA C68.9
- ✓ ICEA S-95-658/NEMA WC70

## 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 can be used as an uninsulated transformer wire, where the HMWPE insulation surrounding the conductor should not be considered electrical insulation, though it does reduce faults caused by weather, vibrations, and crossed leads.

## CONSTRUCTION

**Conductors:** Single conductors are available in solid or stranded, annealed or hardened uncoated copper.

**Insulation:** Conductors are insulated with a concentrically applied LLDPE (linear low density polyethylene) that is Type I, Class A, Cat 5 and Grades E4-E rated. An optional Type II, III IV (MDPE and HDPE) insulation is available on request.

An optional XLPE (crosslinked polyethylene) insulation is also available upon request.

## IDENTIFICATION AND PACKAGING

Print legends on the wire shall include the manufacturer, conductor size, voltage rating, UL symbol (if applicable) and type designation. Standard length spools are 500 or 2500 feet.

AWG/MCM	Standard Number of Strands	Insulation Thickness (Mils)	Nominal Overall Diameter (Inches)	Approx. Shipping Weight (Lbs/1000')	Nominal DC Resistance @ 20°C (Ω/1000')
8	1, 7	30	0.21	60	0.654
6	1, 7	30	0.25	92	0.411
4	1, 7	30	0.29	142	0.259
3	1	45	0.32	175	0.201
2	1, 7	45	0.38	228	0.163
1	19	45	0.42	284	0.129
1/0	19	60	0.49	364	0.102
2/0	19	60	0.54	453	0.081
3/0	19	60	0.65	564	0.064
4/0	19	60	0.70	705	0.051
250	37	60	0.75	828	0.043
300	37	60	0.80	987	0.035
350	37	60	0.88	1148	0.030
400	37	75	0.92	1325	0.026
500	37	75	0.96	1642	0.021



SNAP FOR MORE INFORMATION