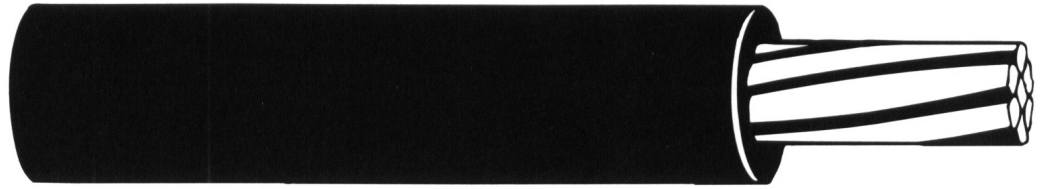


Covered Line Wire

Copper Conductor. Polyethylene or Crosslinked Polyethylene Covering.



APPLICATIONS

Used primarily for, but not limited to, overhead secondary distribution lines. Installed on insulators, otherwise treated as a bare conductor.

SPECIFICATIONS

Southwire's covered line wire-copper meets or exceeds the following ASTM specifications:

- B-1 Hard-Drawn Copper Wire.
- B-2 Medium Hard-Drawn Copper Wire.
- B-8 Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft.

Southwire's covered line wire-copper meets all applicable requirements of ANSI/ICEA S-70-547.

CONSTRUCTION

Conductors are hard or medium-hard concentrically stranded copper. Covered with polyethylene or crosslinked polyethylene (XLP), black.

CU-Covered Line Wire

Size (AWG)	Stranding	Cover Thick. (mils)	O.D. Covered (mils)	Copper Content Per 1000 ft. (lbs.)	Weight Per 1000 ft. (lbs.)		DC Resistance OHMS/1000 ft. @20°C	Allowable Ampacity+
					XLP	Poly		
SOLID								
6	1	30	222	79.4	86.7	86.7	.411	130
4	1	30	264	126.3	135.3	135.3	.258	170
3	1	45	319	159.3	174.9	174.9	.205	195
2	1	45	348	200.9	218.1	218.1	.163	225

+Ampacity based on conductor temperature of 75°C; ambient temperature of 25°C; 2 ft./sec. wind in sun.

Size (AWG or kcmil)	Stranding	Cover Thick. (mils)	O.D. Covered (mils)	Copper Content Per 1000 ft. (lbs.)	Weight Per 1000 ft. (lbs.)		DC Resistance OHMS/1000 ft. @20°C	Allowable Ampacity+
					XLP	Poly		
STRANDED								
6	7	30	238	81	90.3	90.3	.503	130
4	7	30	285	128.9	140.8	140.8	.316	175
2	7	45	373	204.9	227.1	227.1	.199	230
1/0	7	60	477	326.1	363.3	363.3	.125	305
2/0	7	60	522	410.9	453.3	453.3	.0992	350
3/0	7	60	570	518.1	565.6	565.6	.0788	405
4/0	7	60	626	653.3	707.6	707.6	.0625	465
250	19	60	677	771.9	825.4	825.4	.0530	520
300	19	60	729	926.2	984.6	984.6	.0442	580
350	19	60	779	1080.6	1144.5	1144.5	.0380	640
500	37	80	950	1543.8	1637.2	1637.2	.0278	785
750	61	80	1128	2315.6	2422.8	2422.8	.0182	995
1000	61	95	1307	3087.5	3234	3234	.0140	1180

+Ampacity based on conductor temperature of 75°C; ambient temperature of 25°C; 2 ft./sec. wind in sun.