

BARE COPPER WIRE

WEATHERPROOF LINE WIRE

HMWPE COPPER



DESCRIPTION

Copper conductor, solid or stranded, soft (annealed), medium hard, or hard drawn, covered with black high molecular weight polyethylene (HMWPE).

APPLICATIONS

For use in overhead distribution systems where protection from environmental elements is required.

SPECIFICATIONS

Cable conforms to ASTM standards:

- B-1 (Hard Drawn)
- B-2 (Medium Drawn)
- B-3 (Soft or Annealed)
- B-8 (Concentric Stranded Copper)

PWC Catalog #	Size AWG or MCM	Stranding	Covering Thickness (MILS)	Nominal Diameter Overall (Inch)	Approx. Net Weight per 1000 Feet (Lbs.)	DC Resistance (OHMS Per 1000 ft.) @ 20° C			Ampacity* (Amps)
						Hard Drawn	Medium Drawn	Soft (Annealed)	
01-0597	6	SOLID	30	.22	86.7	.4110	4088	.3952	130
01-0599	4	SOLID	30	.26	135.2	.2584	.2571	.2485	163
01-0601	4	7	30	.29	138.6	.2636	.2622	.2540	163
01-0603	2	SOLID	45	.35	218.3	.1625	.1617	.1563	219
01-0605	2	7	45	.38	223.6	.1660	.1650	.1590	219
01-0607	1	7	45	.42	283.	.1316	.1309	.1265	--
01-0609	1/0	7	60	.49	357.5	.1042	.1037	.1002	297
01-0611	2/0	7	60	.53	446.1	.0826	.0822	.0795	344
01-0613	3/0	7	60	.58	556.9	.0655	.0652	.0630	401
01-0615	4/0	7	60	.64	696.4	.0519	.0517	.0499	466
01-0617	250	37	60	.70	818.8	.0440	.0438	.0423	519
01-0619	350	37	60	.80	1136.1	.0314	.0313	.0303	--
01-0621	500	37	75	.97	1626.2	.0220	.0219	.0212	812
01-0623	750	61	75	1.16	2415.2	.0146	.0146	.0141	1050
01-0625	1000	61	95	1.34	3234.0	.0110	.0109	.0106	1253

* Per NEC Table B-310-4. Based on conductor temperature of 80° C; ambient temperature of 40° C; 2 ft./sec. wind.

NOTE: The data shown is approximate and subject to standard industry tolerances.

- > Information on this sheet is subject to change without notice. All diameters are nominal values. All diameters and weights are subject to normal manufacturing tolerances.