

WEATHERPROOF LINE WIRE HMWPE COPPER BUS BAR - TYPES-QQ-W-343-D, TYPES-ASTM-B-33

A

Construction

Description:

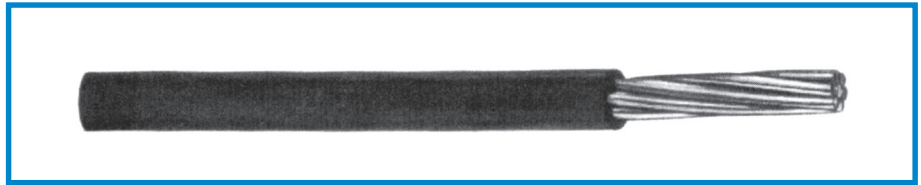
- Copper conductor, solid or stranded, soft (annealed), medium hard, or hard drawn, covered with black high molecular weight polyethylene (HMWPE).

Applications:

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

Standards:

- Line wire conforms to ASTM standards:
 - (a) B-1 (Hard Drawn).
 - (b) B-2 (Medium Hard Drawn).
 - (c) B-3 (Soft or Annealed).
 - (d) B-8 (Concentric Stranded Copper).
 - (e) Line wire conforms to ANSI C8.35.



CUSTOM CATALOG NUMBER	SIZE	STRAND	COVERING THICKNESS	NOMINAL O.D.	DC RESISTANCE (OHMS PER 1000 ft.) @ 20°C			CURRENT AMPS*	NOMINAL WEIGHT LBS/MFT
	AWG/MCM		INCHES	INCHES	HARD DRAWN	MEDIUM HARD	SOFT (ANNEALED)		
WEATHERPROOF LINE WIRE									
29600	6	Solid	0.030	0.220	.4110	.4088	.3952	130	87
29602	4	Solid	0.030	0.260	.2584	.2571	.2485	163	135
29604	4	7	0.030	0.290	.2636	.2622	.2540	163	139
29606	2	Solid	0.045	0.350	.1625	.1617	.1563	219	218
29608	2	7	0.045	0.380	.1660	.1650	.1590	219	224
29610	1	7	0.045	0.420	.1316	.1309	.1265	258	284
29612	1/0	7	0.060	0.490	.1042	.1037	.1002	297	358
29614	2/0	7	0.060	0.530	.0826	.0822	.0795	344	446
29616	3/0	7	0.060	0.580	.0655	.0652	.0630	401	557
29618	4/0	7	0.060	0.640	.0519	.0517	.0499	466	696
29620	250	37	0.060	0.700	.0440	.0438	.0423	519	819
29622	350	37	0.060	0.800	.0314	.0313	.0302	665	1136
29624	500	37	0.075	0.970	.0220	.0219	.0212	812	1626
29626	750	61	0.075	1.160	.0146	.0146	.0141	1050	2415
29628	1000	61	0.095	1.340	.0110	.0109	.0106	1253	3234

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

NOTE: Conductor hardness must be specified when ordering. (Hard Drawn, Medium Hard Drawn or Soft Drawn)

Construction

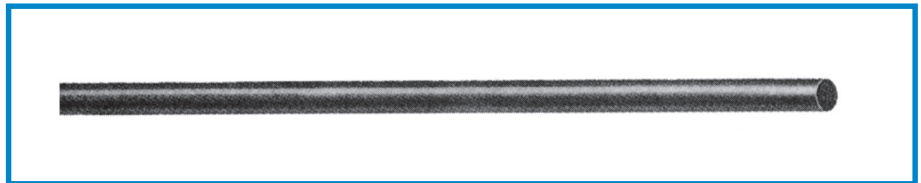
Description:

- Soft drawn annealed electrolytic solid tinned copper.

Applications:

- Bus-bar.
- Component leads.
- Ground wire.
- Point to point wiring.
- Winding of coils.

- Also available in bare copper. Please specify when ordering.



CUSTOM CATALOG NUMBER	SIZE	NOMINAL CIRCULAR AREA	NOMINAL O. D.	NOMINAL WEIGHT
	AWG/MCM	MILS	INCHES	LBS./MFT
1010	30	100	0.010	.3
1011	28	160	0.013	.5
1012	26	254	0.016	.9
1013	24	404	0.020	1.3
1014	22	642	0.026	2
1015	20	1022	0.033	3
1016	18	1642	0.041	5
1017	16	2583	0.051	8
1018	14	4107	0.065	13
1019	12	6530	0.082	21

Custom Cable Corp.