STRANDED BARE COPPER

APPLICATIONS

Suitable for use in substations as uninsulated hook ups, jumpers, and grounds

CONSTRUCTION DETAILS

- Bare copper conductor
- Available in soft-drawn (annealed), medium hard-drawn, or hard-drawn tempers
- Concentric-lay or combination unilay stranded, depending on stranding and temper

SPECIFICATIONS

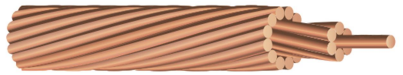
Huaxing Cable's Bare Copper Conductor meets or exceeds applicable ASTM specifications:

- B 1: Hard-Drawn Copper Wire
- B 2: Medium-Hard-Drawn Copper Wire
- B 3: Soft or Annealed Copper Wire
- B 8: Concentric-Lay-Stranded Copper Conductor, Hard, Medium-Hard or Soft
- B 787: 19 Wire Combination Unilay-Stranded Copper Conductor

OPTIONS

- Solid (1 strand)
- Stranded (7, 19, 37, 61 strands)

HX CABLE USA



Size (AWG or kcmil)	Strand-ing	Weight (lbs/ 1000 ft)	Diameter (inches)		Hard Drawn		Medium-Hard Drawn		Soft Drawn (Annealed)		Allowable Ampacity+
			Rated Stren-gth (lbs)	Rdc @ 20°C (Ω/1000 ft)	Indi-vidual	Complete Cable	Rated Strength (lbs)	Rdc @ 20°C (Ω/1000 ft)	Rated Stren-gth (lbs)	Rdc @ 20°C (Ω/1000 ft)	
8	7	51	0.049	0.146	777	0.6663	610	0.6629	499	0.6408	95
6	7	81	0.061	0.184	1228	0.4191	959	0.4169	794	0.4030	130
4	7	129	0.077	0.232	1938	0.2636	1505	0.2622	1320	0.2534	120
3	7	163	0.087	0.260	2433	0.2090	1885	0.2079	1670	0.2010	200
2	7	205	0.097	0.292	3050	0.1660	2360	0.1650	2110	0.1578	230
1	7	258	0.109	0.328	3801	0.1316	2955	0.1309	2552	0.1252	265
1/0	7	326	0.123	0.368	4752	0.1042	3705	0.1037	3221	0.1002	310
1/0	19	326	0.075	0.373	4752	0.1042	3705	0.1037	3221	0.1002	310
2/0	7	411	0.138	0.414	5926	0.0827	4640	0.0822	4062	0.0795	355
2/0	19	411	0.084	0.418	6690	0.0827	4765	0.0822	4024	0.0795	355
3/0	7	518	0.155	0.464	7366	0.0656	5812	0.0652	5118	0.0630	410
4/0	7	653	0.174	0.522	9154	0.0520	7278	0.0517	6459	0.0500	480
4/0	19	653	0.106	0.528	9617	0.0520	7479	0.0517	6453	0.0500	480
250	19	772	0.115	0.574	11360	0.0440	8836	0.0438	7627	0.0423	530
250	39	772	0.082	0.575	11600	0.0440	8952	0.0438	7940	0.0423	530
300	19	926	0.126	0.628	13510	0.0367	10530	0.0365	9160	0.0353	590
350	19	1081	0.136	0.679	15590	0.0314	12200	0.0313	10680	0.0302	650
500	37	1544	0.116	0.814	22510	0.0220	17550	0.0219	15240	0.0212	810
600	37	1853	0.127	0.891	27020	0.0183	21060	0.0183	18300	0.0176	910
750	61	2316	0. 111	0.998	34090	0.0147	26510	0.0146	22890	0.0141	1040
1000	61	3088	0.128	1.152	45030	0.0110	35100	0.0109	30500	0.0106	1240