

# BCC-H

## Hard Drawn Bare Copper Conductor

Standard Specification : ASTM B 1 : 2001, ASTM B 8 : 2011



Hard Drawn Copper

### Technical Properties

Size	Number / Dia. of Wire	Calculated Cross Sect. Area	Approx. Overall Diameter	Approx. Weight	Calculated Breaking Load	DC Resistance at 20° C Max.	Standard Length per Reel
mm <sup>2</sup>	No. / mm	mm <sup>2</sup>	mm	kg/km	kN	Ohm/km	m
21	7 / 1.96	21.1	5.88	190	8.6	0.8583	2,000
27	7 / 2.20	26.6	6.60	239	10.9	0.6808	2,000
34	7 / 2.47	33.5	7.41	302	13.6	0.5406	2,000
42	7 / 2.78	42.5	8.34	382	17.0	0.4261	2,000
54	7 / 3.12	53.5	9.36	486	21.4	0.3418	2,000
67	7 / 3.50	67.3	10.50	611	26.4	0.2718	2,000
85	7 / 3.93	84.9	11.79	771	33.2	0.2154	2,000
107	7 / 4.42	107.4	13.26	975	41.1	0.1703	2,000
126	19 / 2.91	126.4	14.55	1,147	50.6	0.1447	2,000
152	19 / 3.19	151.9	15.95	1,379	60.8	0.1204	2,000
178	19 / 3.45	177.6	17.25	1,612	69.5	0.1030	2,000
203	19 / 3.69	203.2	18.45	1,845	79.5	0.0900	2,000
228	37 / 2.80	227.8	19.60	2,068	91.2	0.0803	2,000
253	37 / 2.95	252.9	20.65	2,296	101.3	0.0723	2,000
279	37 / 3.10	279.3	21.70	2,535	111.8	0.0655	1,000
303	37 / 3.23	303.2	22.61	2,752	121.4	0.0603	1,000
329	61 / 2.62	328.9	23.58	2,985	131.7	0.0556	1,000
354	61 / 2.72	354.5	24.48	3,218	142.0	0.0516	1,000
381	61 / 2.82	381.0	25.38	3,459	152.6	0.0480	1,000
406	61 / 2.91	405.7	26.19	3,683	162.5	0.0451	1,000
457	61 / 3.09	457.4	27.81	4,153	183.2	0.0400	1,000
506	61 / 3.25	506.0	29.25	4,594	202.7	0.0361	1,000
557	61 / 3.41	557.1	30.69	5,057	218.1	0.0328	500
607	61 / 3.56	607.2	32.04	5,512	237.7	0.0301	500
631	61 / 3.63	631.3	32.67	5,731	247.2	0.0290	500
659	61 / 3.71	659.4	33.39	5,986	258.2	0.0277	500
710	61 / 3.85	710.1	34.65	6,447	278.0	0.0258	500
759	61 / 3.98	758.9	35.82	6,889	297.1	0.0241	500
812	91 / 3.37	811.7	37.07	7,369	321.4	0.0225	500
861	91 / 3.47	860.6	38.17	7,812	336.9	0.0213	500
886	91 / 3.52	885.6	38.72	8,039	346.7	0.0207	500

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mm <sup>2</sup>	No. / mm	mm <sup>2</sup>	mm	kg/km	kN	Ohm/km	m
911	91 / 3.57	910.9	39.27	8,269	356.6	0.0201	500
963	91 / 3.67	962.6	40.37	8,739	376.9	0.0190	500
1010	91 / 3.76	1010.4	41.36	9,173	395.6	0.0181	300
1267	91 / 4.21	1266.8	46.31	11,612	484.5	0.0146	300