

BCC-1/2H

Medium Hard Drawn Bare Copper Conductor

Standard Specification : SPLN 41-4 : 1981



Medium 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 ²	No. / mm	mm ²	mm	kg/km	kN	Ohm/km	m
6	1 / 2.80	6.2	2.80	56	2.0	2.8961	2,000
10	1 / 3.50	9.6	3.50	88	3.0	1.8545	2,000
10	7 / 1.35	10.0	4.05	91	3.3	1.8160	2,000
16	7 / 1.70	15.9	5.10	144	5.2	1.1452	2,000
25	7 / 2.10	24.2	6.30	220	7.9	0.7504	2,000
35	7 / 2.50	34.4	7.50	312	11.1	0.5296	2,000
50	19 / 1.80	48.3	9.00	441	15.8	0.3781	2,000
70	19 / 2.10	65.8	10.50	600	21.4	0.2778	2,000
95	19 / 2.50	93.3	12.50	851	30.0	0.1961	2,000
120	19 / 2.80	117.0	14.00	1,067	37.4	0.1563	2,000
150	37 / 2.25	147.1	15.75	1,342	47.6	0.1243	2,000
185	37 / 2.50	181.6	17.50	1,657	58.5	0.1007	2,000
240	61 / 2.25	242.5	20.25	2,213	78.5	0.0754	2,000
300	61 / 2.50	299.4	22.50	2,732	96.4	0.0611	1,000
400	61 / 2.89	400.1	26.01	3,650	127.7	0.0457	1,000
500	61 / 3.23	499.8	29.07	4,560	158.6	0.0366	1,000