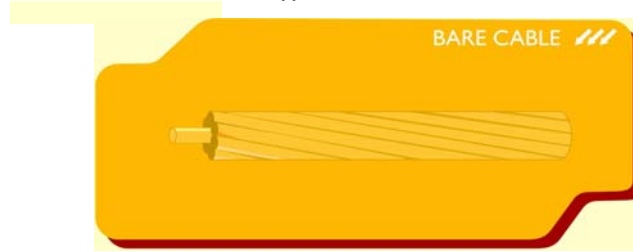


BCC - H

Bare Copper Conductor Hard



BARE CONDUCTOR

TECHNICAL DATA

SPEC
STD

Specification : SPLN 41 - 5 , SNI 04 - 3894

APL

Used for overhead transmission purpose

DIMENSIONAL DATA

Cross Section Nominal	Number of Core & Dia. Wire	Overall Diameter approx.	Weight of Cable approx.	Std. Length per reel
(mm ²)	pcs / (mm)	(mm)	(kg / km)	(m)
6	1/2.80	2.80	55	10.000
10	1/3.50	3.50	86	
	7/1.35	4.05	90	
16	7/1.70	5.10	142	5.000
25	7/2.10	6.30	217	
35	7/2.50	7.50	308	
50	19/1.80	9.00	433	3.000
70	19/2.10	10.50	590	
95	19/2.50	12.50	836	
120	19/2.80	14.00	1048	2.000
150	37/2.25	15.70	1318	
185	37/2.50	17.50	1628	
240	61/2.25	20.20	2173	1.000
300	61/2.50	22.50	2683	
400	61/2.89	26.00	3586	
500	61/3.23	29.10	4479	500

ELECTRICAL & MECHANICAL DATA

Cross Section Nominal	Min. Calculated Breaking Load	Max. dc Resistance at. 20°C
(mm ²)	(kN)	(ohm / km)
6	2.70	2.8994
10	4.12	1.8565
	4.27	1.8181
16	6.78	1.1465
25	10.20	0.7512
35	14.30	0.5302
50	19.71	0.3785
70	26.82	0.2781
95	37.58	0.1963
120	46.12	0.1565
150	58.66	0.1244
185	71.60	0.1008
240	96.70	0.0755
300	118.04	0.0611
400	157.74	0.0458
500	194.34	0.0367