

CCS Messenger Cable Specifications

Standard: YB/T 5004-2004							
Nominal Diameter		Section Size (mm ²)	Weight (kg/100m)	Nominal Tensile Strength/MPa			
Cable	Strand			1270	1370	1470	1570
(mm)				Minimal Breaking Force/KN			
Structure: 1X7							
4.5	1.50	12.37	10.30	14.40	15.50	16.70	17.80
4.8	1.60	14.07	11.71	16.40	17.70	19.00	20.30
5.1	1.70	15.89	13.23	18.50	20.00	21.40	22.90
5.4	1.80	17.81	14.83	20.80	22.40	24.00	25.70
6.0	2.00	21.99	18.31	25.60	27.70	29.70	31.70
6.6	2.20	26.61	22.15	31.00	33.50	35.90	38.40
7.2	2.40	31.67	26.36	37.00	39.90	42.80	45.70
7.8	2.60	37.16	30.93	43.40	46.80	50.20	53.60
8.4	2.80	43.10	35.88	50.30	54.30	58.20	62.20
9.0	3.00	49.48	41.19	57.80	62.30	66.90	71.40
9.6	3.20	56.30	46.87	65.70	70.90	76.10	81.30
10.5	3.50	67.35	56.07	78.60	84.80	91.00	97.20
11.4	3.80	79.39	66.09	92.70	100.00	107.00	114.00
12.0	4.00	87.96	73.22	102.00	110.00	118.00	127.00
Structure: 1x19							
8.0	1.60	38.20	31.80	43.60	47.10	50.50	53.90
9.0	1.80	48.35	40.25	55.20	59.60	63.90	68.30
10.0	2.00	59.69	49.69	68.20	73.60	78.90	84.30
11.0	2.20	72.22	60.12	82.50	89.00	95.50	102.00
12.0	2.40	85.95	71.55	98.20	105.00	113.00	121.00
12.5	2.50	93.27	77.64	106.00	114.00	123.00	131.00
13.0	2.60	100.88	83.98	115.00	124.00	133.00	142.00
14.0	2.80	116.99	97.39	133.00	144.00	154.00	165.00
15.0	3.00	134.30	118.80	153.00	165.00	177.00	189.00
16.0	3.20	152.81	127.21	174.00	188.00	202.00	215.00