

Aluminium Alloy Conductor Steel Reinforced (AACSR)

AACSR (ASTM B711)							
Area (mm ²)			Strands / Wire Diameter (mm)		Overall Diameter (mm)	Weight (kg/km)	Rated Strength (kN)
Al. Alloy	St.	Total	Al. Alloy	St.			
140.00	23.00	163.00	26/2.62	7/2.04	16.60	565.00	75.00
140.00	33.00	173.00	30/2.44	7/2.44	17.10	643.00	87.40
160.00	26.00	186.00	26/2.8	7/2.18	17.70	646.00	85.60
160.00	38.00	198.00	30/2.61	7/2.61	18.30	736.00	106.00
180.00	29.00	209.00	26/2.97	7/2.31	18.80	731.00	95.10
180.00	42.00	222.00	30/2.76	7/2.76	19.30	823.00	112.00
200.00	32.00	232.00	26/3.13	7/2.43	19.80	805.00	106.00
200.00	47.00	247.00	30/2.91	7/2.91	20.40	915.00	124.00
224.00	36.00	260.00	26/3.31	7/2.57	21.00	901.00	118.00
224.00	52.00	276.00	30/3.08	7/3.08	21.60	1025.00	139.00
250.00	41.00	291.00	26/3.50	7/2.72	22.20	1008.00	129.00
250.00	58.00	308.00	30/3.26	7/3.26	22.80	1149.00	156.00
280.00	46.00	326.00	26/3.70	7/2.88	23.40	1127.00	144.00
280.00	65.00	345.00	30/3.45	7/3.45	24.20	1286.00	171.00
315.00	52.00	367.00	26/3.93	7/3.06	24.90	1272.00	163.00
315.00	72.00	387.00	30/3.66	19/2.20	25.60	1438.00	190.00
355.00	58.00	413.00	26/4.17	7/3.24	26.40	1430.00	183.00
355.00	81.00	436.00	30/3.88	19/2.33	27.20	1614.00	211.00
400.00	65.00	465.00	26/4.43	7/3.45	28.10	1616.00	207.00
400.00	91.00	491.00	30/4.12	19/2.47	28.80	1818.00	237.00
450.00	59.00	509.00	54/3.26	19/1.98	29.50	1706.00	215.00
500.00	63.00	563.00	54/3.43	19/2.06	30.90	1878.00	229.00
560.00	71.00	631.00	54/3.63	19/2.18	32.70	2104.00	257.00
630.00	80.00	710.00	54/3.85	19/2.31	34.60	2365.00	286.00
710.00	90.00	800.00	54/4.09	19/2.45	36.80	2664.00	322.00
800.00	101.00	901.00	54/4.34	19/2.60	39.00	3003.00	363.00
900.00	73.00	973.00	84/3.69	19/2.21	40.60	3060.00	355.00
1000.00	81.00	1081.00	84/3.89	19/2.33	42.80	3400.00	391.00
1120.00	91.00	1211.00	84/4.12	19/2.47	45.30	3816.00	439.00
1250.00	102.00	1352.00	84/4.35	19/2.61	47.80	4255.00	490.00