

Shield Wire / AW2

Shield Wire / AW2 (ASTM B416)								
Code Name	Strands No.		Diameter (mm)		Area (mm ²)	Weight of Shield Wire (kg/km)	Rated Strength (kN)	DC Resistance at 20 °C (Ω/km)
	St.	St.	Total	Total	Total	Total		
3 No. 10	3	2.59	5.18	15.78	104.80	20.16	5.4167	
3 No. 9	3	2.91	5.81	19.89	132.15	25.42	4.2946	
7 No. 12	7	2.05	6.16	23.16	154.16	28.03	3.6975	
3 No. 8	3	3.26	6.53	25.10	166.66	32.05	3.4055	
7 No. 11	7	2.30	6.91	29.18	194.33	35.34	2.9324	
3 No. 7	3	3.67	7.33	31.65	210.11	38.35	2.7008	
7 No. 10	7	2.59	7.76	36.83	245.07	44.57	2.3255	
3 No. 6	3	4.11	8.23	39.89	265.01	45.73	2.1417	
7 No. 9	7	2.91	8.72	46.42	308.91	56.18	1.8442	
3 No. 5	3	4.62	9.24	50.30	334.06	54.40	1.6985	
7 No. 8	7	3.26	9.79	58.57	389.56	70.86	1.4626	
7 No. 7	7	3.67	11.00	73.85	491.04	84.78	1.1598	
7 No. 6	7	4.11	12.34	93.08	619.45	101.11	0.9196	
19 No. 10	19	2.59	12.94	99.96	667.67	120.95	0.8602	
7 No. 5	7	4.62	13.86	117.36	781.05	120.24	0.7428	
19 No. 9	19	2.91	14.53	125.99	841.91	152.53	0.6821	
19 No. 8	19	3.26	16.32	158.97	1061.69	192.34	0.5410	
37 No. 10	37	2.59	18.12	194.67	1307.95	235.53	0.4442	
19 No. 7	19	3.67	18.33	200.46	1338.46	230.11	0.4291	
37 No. 9	37	2.91	20.34	245.36	1648.70	297.01	0.3524	
19 No. 6	19	4.11	20.57	252.66	1687.39	274.46	0.3402	
37 No. 8	37	3.26	22.85	309.57	2080.22	374.54	0.2794	
19 No. 5	19	4.62	23.10	318.54	2127.84	326.28	0.2698	
37 No. 7	37	3.67	25.66	390.37	2621.86	447.94	0.2216	
37 No. 6	37	4.11	28.80	492.01	3306.34	534.68	0.1757	
37 No. 5	37	4.62	32.34	620.31	4169.38	635.21	0.1393	