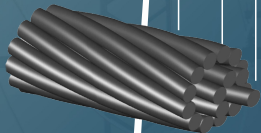
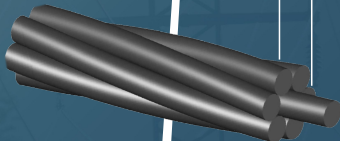


Galvanized steel
steel wire



Galvanized steel
steel wire



- Concentrically stranded Galvanized steel wire strand available in class "A", "B" and "C" Zinc Coating.
- "A" being the least heavy and "C" being the most heavy.
- Application : Construction, Overhead, Industrial, Power Station.

Galvanized Steel Wire Earthwire / Staywire / Guywire

Galvanized Clad steel wire earthwire / staywire / guywire

GSW Earth Wire, Stay Wire, Guy Wires, etc. are used as overhead ground wire or static wire on transmission lines, as pole or structure guy wires, and as messenger cable for field-erected aerial cable

Construction

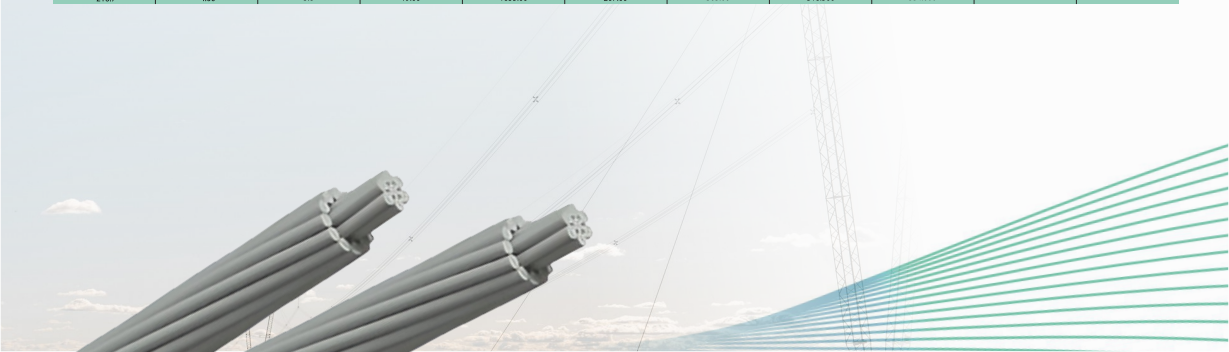
Galvanized steel Wires, concentrically stranded over a central wire of Galvanized steel wire

GALVANIZED STEEL WIRE EARTHWIRE / STAYWIRE / GUYWIRE

Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength						
	No. of Wires	Individual wire diameter			Grade 350	Grade 480	Grade 700	Grade 850	Grade 1000	Grade 1150	Grade 1300
mm ²	No.	mm	mm	Kg/km	KN	KN	KN	KN	KN	KN	KN
7.63	3	1.80	3.90	60.00	2.65	3.66	-	-	-	-	-
16.55	3	2.65	5.70	130.00	5.80	7.95	-	-	-	-	-
24.89	3	3.25	7.00	195.00	8.70	11.95	-	-	-	-	-
37.70	3	4.00	8.60	295.00	13.20	18.10	-	-	-	-	-
10.18	4	1.80	4.40	80.00	3.55	4.90	-	-	-	-	-
22.06	4	2.65	6.40	172.00	7.70	10.60	-	-	-	-	-
33.18	4	3.25	7.90	260.00	11.60	15.90	-	-	-	-	-
50.27	4	4.00	9.70	390.00	17.60	24.10	35.20	-	-	-	-
8.84	5	1.50	4.10	69.00	3.10	4.24	6.18	-	-	-	-
12.72	5	1.80	4.90	95.00	4.45	6.10	8.90	-	-	-	-
27.58	5	2.65	7.20	220.00	9.65	13.25	19.30	-	-	-	-
41.48	5	3.25	8.80	320.00	14.50	19.90	29.00	-	-	-	-
62.83	5	4.00	10.80	490.00	22.00	30.15	43.95	-	-	-	-
1.72	7	0.56	1.70	14.00	0.60	0.83	1.20	-	1.70	1.98	2.24
2.77	7	0.71	2.10	28.00	0.97	1.33	1.94	-	2.75	3.19	3.60
3.97	7	0.85	2.60	31.00	1.39	1.90	2.80	-	3.95	4.57	5.15
4.45	7	0.90	2.70	35.00	1.55	2.14	3.10	-	4.45	5.12	5.80
5.50	7	1.00	3.00	43.00	1.92	2.64	3.85	-	5.50	6.32	7.15
8.59	7	1.25	3.80	67.00	3.01	4.10	6.00	-	8.55	9.88	11.15
10.78	7	1.40	4.20	84.00	3.75	5.17	7.54	9.16	10.75	12.35	14.00
11.24	7	1.43	4.30	86.00	3.85	5.28	7.70	9.35	11.00	12.65	14.30
14.07	7	1.60	4.80	110.00	4.90	6.75	9.85	11.95	14.10	16.20	18.30
17.81	7	1.80	5.40	140.00	6.23	8.55	12.45	-	17.80	20.50	23.20
21.99	7	2.00	6.00	170.00	7.70	10.55	15.40	-	22.00	25.30	28.60
30.62	7	2.36	7.10	240.00	10.70	14.70	21.40	-	30.60	35.20	39.80
38.61	7	2.65	8.00	300.00	13.50	18.50	27.00	-	38.60	44.40	50.20
49.48	7	3.00	9.00	392.00	17.30	23.75	34.65	-	49.50	56.90	64.30
54.55	7	3.15	9.50	430.00	19.10	26.20	38.20	-	54.55	62.75	70.90
58.07	7	3.25	9.80	460.00	20.30	27.85	40.65	-	58.05	66.80	75.50
73.24	7	3.65	11.00	570.00	25.60	35.15	51.25	-	73.25	84.20	95.20
87.96	7	4.00	12.00	690.00	30.90	42.20	61.60	-	88.00	101.00	114.00
99.30	7	4.25	12.80	780.00	34.75	47.65	69.50	-	99.30	114.00	129.00
124.04	7	4.75	14.00	970.00	43.40	59.45	86.80	-	124.00	142.70	161.30
14.92	19	1.00	5.00	120.00	5.22	7.16	10.45	-	14.92	17.16	19.40
23.32	19	1.25	6.30	180.00	8.16	11.19	16.32	-	23.32	26.81	30.31
29.25	19	1.40	7.00	230.00	10.24	14.04	14.04	-	29.25	33.64	38.02
38.20	19	1.60	8.00	300.00	13.37	18.34	26.75	-	38.20	43.93	49.66
59.69	19	2.00	10.00	470.00	20.90	28.65	41.78	50.7	59.69	68.64	77.60
93.27	19	2.50	12.50	730.00	32.65	44.80	65.29	79.3	93.27	107.30	121.30
134.30	19	3.00	15.00	1050.00	47.00	64.50	94.00	114.1	134.30	154.50	174.60
188.06	19	3.55	17.80	1470.00	65.80	90.27	131.60	159.9	188.00	216.30	244.50
238.76	19	4.00	20.00	1870.00	83.55	114.60	167.10	203.0	238.70	274.60	310.40
336.69	19	4.75	23.80	2630.00	117.85	161.60	235.70	286.0	336.70	387.20	437.70

GALVANIZED STEEL WIRE EARTHWIRE / STAYWIRE / GUYWIRE

Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength					
	Center wire	Inside Layer			1370	1570	1670	1770	1880	1960
mm ²	1 wire	18 wire	mm	Kg/km	KN	KN	KN	KN	KN	KN
29.48	1.50	1.4	7.10	253.00	36.35	41.55	44.100	45.850	48.000	50.500
33.82	1.60	1.5	7.60	290.50	41.65	47.65	50.550	52.750	55.050	60.400
38.46	1.70	1.6	8.10	330.00	44.40	54.20	57.600	59.950	62.600	65.900
43.4	1.80	1.7	8.60	372.50	53.55	61.20	65.000	67.700	70.650	74.400
48.64	1.90	1.8	9.10	417.50	59.95	68.60	72.850	75.900	79.200	83.300
60.35	2.20	2	10.00	519.00	74.45	85.10	94.100	93.500	98.000	102.400
72.95	2.40	2.2	11.00	627.40	89.95	102.00	109.000	112.500	118.500	123.500
86.74	2.60	2.4	12.00	746.00	106.00	122.00	129.000	134.000	140.500	147.000
101.72	2.80	2.6	13.00	873.00	124.50	143.00	151.500	158.000	165.000	173.500
117.9	3.00	2.8	14.00	1050.00	145.50	166.00	176.000	183.500	190.000	200.500
135.28	3.20	3	15.00	1160.00	166.50	190.00	202.000	210.500	220.000	231.500
153.84	3.40	3.2	16.00	1320.00	189.50	216.50	226.000	236.500	-	-
173.60	3.60	3.4	17.00	1490.00	214.00	244.50	255.500	267.500	-	-
216.7	4.00	3.8	19.00	1855.00	267.00	305.00	318.500	334.000	-	-



GALVANIZED STEEL WIRE EARTHWIRE / STAYWIRE / GUYWIRE

Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength			
	No. of Wires	Individual wire diameter			Common Grade	Siemens Martin Grade	High Strength Grade	Extra High Strength Grade
mm ²	No.	mm	mm	Kg/km	KN	KN	KN	KN
5.95	7	1.04	3.18	48.00	2.402	4.048	5.916	8.140
9.58	7	1.32	3.97	76.00	3.870	6.539	6.539	13.078
13.55	7	1.57	4.76	109.00	5.115	8.452	12.677	17.748
14.97	7	1.65	4.76	119.00	-	-	-	-
16.42	3	2.64	5.56	131.00	6.228	10.409	15.569	21.796
18.41	7	1.83	5.56	146.00	6.850	11.387	17.126	24.020
21.92	3	3.05	6.35	174.00	8.274	13.523	21.040	29.981
21.92	3	3.05	6.35	174.00	-	-	-	-
22.66	7	2.03	6.35	180.00	8.452	14.012	21.129	29.581
25.66	3	3.30	7.14	204.00	9.252	15.035	23.398	33.362
30.62	7	2.36	7.14	244.00	11.432	18.905	28.469	39.812
31.91	3	3.68	7.94	255.00	11.076	18.193	28.246	40.479
38.32	7	2.64	7.94	305.00	14.234	23.798	35.586	49.820
42.18	7	2.77	7.94	335.00	-	-	-	-
41.37	3	4.19	9.52	328.00	14.813	24.732	37.187	52.489
51.14	7	3.05	9.52	402.00	18.905	30.915	48.040	68.503
74.45	7	3.68	11.11	595.00	25.355	41.591	64.499	92.523
96.52	7	4.19	12.70	770.00	32.917	53.823	83.627	119.657
96.27	19	2.54	12.70	751.00	33.895	56.492	84.961	118.768
125.62	7	4.78	14.29	1000.00	42.703	69.837	108.981	155.688
122.92	19	2.87	14.29	949.00	42.881	71.616	107.202	149.905
152.11	7	5.26	15.88	1211.00	51.599	84.961	131.667	188.605
150.90	19	3.18	15.88	1186.00	48.930	80.513	124.995	178.819
216.62	19	3.81	19.05	1721.00	71.172	116.543	181.487	259.331
302.18	19	4.50	22.22	2356.00	97.416	159.691	248.211	354.523
385.10	19	5.08	25.40	3089.00	127.66	209.07	325.61	464.8
382.92	37	3.63	25.40	3065.00	125.89	205.51	319.83	456.8
486.12	37	4.09	28.58	4010.00	160.14	262.00	407.46	581.8
601.61	37	4.55	31.75	4840.00	198.39	324.72	505.32	721.5

GALVANIZED STEEL WIRE EARTHWIRE / STAYWIRE / GUYWIRE

Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength		
	No. of Wires	Individual wire diameter			High Strength Grade	Extra High Strength Grade	UTILITY GRADE
mm ²	No.	mm	mm	Kg/km	KN	KN	KN
31.91	3	3.68	7.94	255.00	-	-	28.90
38.32	7	2.64	7.94	305.00	35.60	49.8	-
51.14	7	3.05	9.52	407.00	48.00	68.4	51.20
74.45	7	3.68	11.11	595.00	64.50	92.5	-
96.52	7	4.19	12.70	770.00	83.60	119.6	-

Nominal Area	Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength			
		No. of Wires	Individual wire diameter			ST I	ST II	ST III	ST IV
mm ²	mm ²	No.	mm	mm	Kg/km	KN	KN	KN	KN
25	24.25	7	2.10	6.30	192.00	8.98	15.90	30.18	36.17
35	34.36	7	2.50	7.50	272.00	12.73	22.52	42.76	51.25
50	49.48	7	3.00	9.00	391.00	18.33	32.43	61.58	73.80
50	48.35	19	1.80	9.00	384.00	17.91	31.69	60.17	72.11
70	65.81	19	2.10	10.50	522.00	24.38	43.14	81.90	98.16
95	93.27	19	2.50	12.50	741.00	34.56	61.14	116.07	139.11
120	116.99	19	2.80	14.00	929.00	43.34	76.69	145.59	174.49

Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength		
	No. of Wires	Individual wire diameter			Grade 981	Grade 1100	Grade 1310
mm ²	No.	mm	mm	Kg/km	KN	KN	KN
49.48	7	3.00	9.00	386.00	43.70	49.00	58.30
54.55	7	3.15	9.45	426.00	48.20	54.00	64.30
58.07	7	3.25	9.75	454.00	51.30	57.50	68.50
60.96	7	3.33	9.99	476.00	53.80	60.40	71.90
73.65	7	3.66	10.98	575.00	65.00	72.90	86.80
87.96	7	4.00	12.00	687.00	77.70	87.10	104.00

GALVANIZED STEEL WIRE EARTHWIRE / STAYWIRE / GUYWIRE

Sectional Area	Stranding		Diameter of EARTHWIRE	Weight	Rated Strength				
	No. of Wires	Individual wire diameter			Grade 1770	Grade 1570	Grade 1100	Grade 700	Grade 450
mm ²	No.	mm	mm	Kg/km	KN	KN	KN	KN	KN
23.38	3	3.15	6.79	-	40.10	35.60	24.90	15.90	10.20
31.17	4	3.15	7.60	-	52.40	46.50	32.60	20.70	13.30
2.01	4	0.80	2.40	-	5.50	4.90	3.40	2.20	1.40
4.91	4	1.25	3.75	-	13.50	12.00	8.40	5.40	3.40
3.14	4	1.00	4.80	-	22.20	19.70	13.80	8.80	5.60
12.57	4	2.00	6.00	-	34.70	30.80	21.60	13.70	8.80
27.59	7	2.24	6.72	-	43.50	38.60	27.00	17.20	11.10
34.36	7	2.50	7.50	-	54.20	48.10	33.70	21.40	13.80
54.55	7	3.15	9.45	-	86.00	76.30	53.50	34.00	21.90
87.96	7	4.00	12.00	-	139.00	123.00	86.20	54.90	35.30
3.52	7	0.80	4.00	-	14.90	13.20	9.20	5.90	3.80
8.59	7	1.25	6.25	-	36.30	32.20	22.60	14.40	9.20
14.07	7	1.60	8.00	-	59.50	52.80	37.00	23.50	15.10
59.69	19	2.00	10.00	-	93.00	82.50	57.80	36.80	23.60
74.88	19	2.24	11.20	-	117.00	103.00	72.50	46.10	29.70
93.27	19	2.50	12.50	-	145.00	129.00	90.30	57.50	36.90
238.76	19	4.00	20.00	-	372.00	330.00	231.00	147.00	94.60
9.55	19	0.80	5.60	-	28.80	25.50	17.90	11.40	7.30
23.32	19	1.25	8.75	-	70.30	62.30	43.70	27.80	17.90
38.20	19	1.60	11.20	-	115.00	102.00	71.50	45.50	29.30
116.24	37	2.00	14.00	-	180.00	160.00	112.00	71.10	45.70
145.81	37	2.24	15.68	-	226.00	200.00	140.00	89.20	57.40
181.62	37	2.50	17.50	-	281.00	249.00	175.00	111.00	71.40
288.35	37	3.15	22.05	-	446.00	396.00	277.00	176.00	113.00
464.96	37	4.00	28.00	-	719.00	638.00	447.00	284.00	183.00