



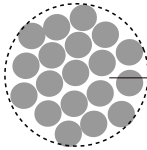
Caledonian

Stranded Galvanized Steel Wire

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Stranded Galvanized Steel Wire

CCL -GSW/1150-R (GSW Class2)



Stranded Galvanized Steel Conductor

APPLICATION

They are used as overhead ground wire or static wire on transmission lines, as pole or structure guy wires, and as messenger cables, etc.

STANDARDS

Basic design to IEC 60888/BS 183

CABLE CONSTRUCTION

Conductor: Stranded galvanized steel.

CONSTRUCTION PARAMETER

Part No.	No./Nominal Diameter of Strands	Approx. Diameter	Min. Breaking Load of Strand							Approx. Weight
			Grade 350	Grade 480	Grade 700	Grade 850	Grade 1000	Grade 1150	Grade 1300	
			kN							
CCL -GSW/1150-R 3x1.8	3/1.80	3.9	2.65	3.66	-	-	-	-	-	60
CCL -GSW/1150-R 3x2.65	3/2.65	5.7	5.80	7.95	-	-	-	-	-	130
CCL -GSW/1150-R 3x3.25	3/3.25	7.0	8.70	11.95	-	-	-	-	-	195
CCL -GSW/1150-R 3x4	3/4.00	8.6	13.20	18.10	-	-	-	-	-	295
CCL -GSW/1150-R 4x1.8	4/1.80	4.4	3.55	4.90	-	-	-	-	-	80
CCL -GSW/1150-R 4x2.65	4/2.65	6.4	7.70	10.60	-	-	-	-	-	172
CCL -GSW/1150-R 4x3.25	4/3.25	7.9	11.60	15.90	-	-	-	-	-	260
CCL -GSW/1150-R 4x4	4/4.00	9.7	17.60	24.10	35.20	-	-	-	-	390
CCL -GSW/1150-R 5x1.5	5/1.50	4.1	3.10	4.24	6.18	-	-	-	-	69
CCL -GSW/1150-R 5x1.8	5/1.80	4.9	4.45	6.10	8.90	-	-	-	-	95
CCL -GSW/1150-R 5x2.65	5/2.65	7.2	9.65	13.25	19.30	-	-	-	-	220
CCL -GSW/1150-R 5x3.25	5/3.25	8.8	14.50	19.90	29.00	-	-	-	-	320
CCL -GSW/1150-R 5x4	5/4.00	10.8	22.00	30.15	43.95	-	-	-	-	490
CCL -GSW/1150-R 7x0.56	7/0.56	1.7	0.60	0.83	1.20	-	1.70	1.98	2.24	14
CCL -GSW/1150-R 7x0.71	7/0.71	2.1	0.97	1.33	1.94	-	2.75	3.19	3.60	28
CCL -GSW/1150-R 7x0.85	7/0.85	2.6	1.39	1.90	2.80	-	3.95	4.57	5.15	31
CCL -GSW/1150-R 7x0.9	7/0.90	2.7	1.55	2.14	3.10	-	4.45	5.12	5.80	35
CCL -GSW/1150-R 7x1	7/1.00	3.0	1.92	2.64	3.85	-	5.50	6.32	7.15	43

Part No.	No./Nominal Diameter of Strands	Approx. Diameter	Min. Breaking Load of Strand							Approx. Weight
			Grade 350	Grade 480	Grade 700	Grade 850	Grade 1000	Grade 1150	Grade 1300	
	mm	mm	kN							kg/km
CCL -GSW/1150-R 7x1.25	7/1.25	3.8	3.01	4.10	6.00	-	8.55	9.88	11.15	67
CCL -GSW/1150-R 7x1.4	7/1.40	4.2	3.75	5.17	7.54	9.16	10.75	12.35	14.00	84
CCL -GSW/1150-R 7xRS	7/RS*	4.3	3.85	5.28	7.70	9.35	11.00	12.65	14.30	86
CCL -GSW/1150-R 7x1.6	7/1.60	4.8	4.90	6.75	9.85	11.95	14.10	16.20	18.30	110
CCL -GSW/1150-R 7x1.8	7/1.80	5.4	6.23	8.55	12.45	-	17.80	20.50	23.20	140
CCL -GSW/1150-R 7x2	7/2.00	6.0	7.70	10.55	15.40	-	22.00	25.30	28.60	170
CCL -GSW/1150-R 7x2.36	7/2.36	7.1	10.70	14.70	21.40	-	30.60	35.20	39.80	240
CCL -GSW/1150-R 7x2.65	7/2.65	8.0	13.50	18.50	27.00	-	38.60	44.40	50.20	300
CCL -GSW/1150-R 7x3	7/3.00	9.0	17.30	23.75	35.65	-	49.50	56.90	64.30	392
CCL -GSW/1150-R 7x3.15	7/3.15	9.5	19.10	26.20	38.20	-	54.55	62.75	70.90	430
CCL -GSW/1150-R 7x3.25	7/3.25	9.8	20.30	27.85	40.65	-	58.05	66.80	75.50	460
CCL -GSW/1150-R 7x3.65	7/3.65	11.0	25.60	35.15	51.25	-	73.25	84.20	95.20	570
CCL -GSW/1150-R 7x4	7/4.00	12.0	30.90	42.20	61.60	-	88.00	101.0	114.0	690
CCL -GSW/1150-R 7x4.25	7/4.25	12.8	34.75	47.65	69.50	-	99.30	114.0	129.0	780
CCL -GSW/1150-R 7x4.75	7/4.75	14.0	43.40	59.45	86.80	-	124.0	142.7	161.3	970
CCL -GSW/1150-R 19x1	19/1.00	5.0	5.22	7.16	10.45	-	14.92	17.16	19.40	120
CCL -GSW/1150-R 19x1.25	19/1.25	6.3	8.16	11.19	16.32	-	23.32	26.81	30.31	180
CCL -GSW/1150-R 19x1.4	19/1.40	7.0	10.24	14.04	20.47	-	29.25	33.64	38.02	230
CCL -GSW/1150-R 19x1.6	19/1.60	8.0	13.37	18.34	26.75	-	38.20	43.93	49.66	300
CCL -GSW/1150-R 19x2	19/2.00	10.0	20.90	28.65	41.78	50.74	59.69	68.64	77.60	470
CCL -GSW/1150-R 19x2.5	19/2.50	12.5	32.65	44.80	65.29	79.28	93.27	107.3	121.3	730
CCL -GSW/1150-R 19x3	19/3.00	15.0	47.00	64.50	94.00	114.1	134.3	154.5	174.6	1050
CCL -GSW/1150-R 19x3.55	19/3.55	17.8	65.80	90.27	131.6	159.9	188.0	216.3	244.5	1470
CCL -GSW/1150-R 19x4	19/4.00	20.0	83.55	114.6	167.1	203.0	238.7	274.6	310.4	1870
CCL -GSW/1150-R 19x4.75	19/4.75	23.0	117.85	161.6	235.7	286.0	336.7	387.2	437.7	2630