

NFC 34125

Aluminium Conductor Steel Reinforced(ACSR)



Code Name	Total area			Equivalent copper area mm ²	Stranding and wire diameter		overall diameter mm	Weight			Rated Strength kN	Maximum dc resistance at 20 oC Ω/km
	Aluminium mm ²	Steel mm ²	Total mm ²		Aluminium mm	Steel mm		Aluminium kg/km	Steel kg/km	Total kg/km		
Canna37.7	28.27	9.42	37.69	17.2	9/2.0	3/2.0	8.3	78	77	155	1625	1.020
Canna59.7	37.30	21.99	59.29	22.8	12/2.0	7/2.0	10.0	104	172	276	3270	0.766
Canna75.5	47.71	27.83	75.54	29.1	12/2.25	7/2.25	11.25	131	218	349	4115	0.605
Canna93.3	58.9	34.34	93.3	36.0	12/2.5	7/2.5	12.50	162	269	431	4950	0.490
Canna116.2	94.25	21.99	116.24	57.5	30/2.0	7/2.0	14.0	260	172	432	4315	0.306
Canna147.1	119.28	27.83	147.11	72.8	30/2.25	7/2.25	15.75	329	218	547	5400	0.2430
Crocus147.1	119.28	27.83	147.11	72.8	30/2.25	7/2.25	15.75	329	218	547	6180	0.2430
Canna181.6	147.26	34.26	181.62	89.8	30/2.5	7/2.5	17.5	406	269	675	6490	0.1970
Canna228	184.72	43.10	227.82	112.7	30/2.8	7/2.8	19.6	512	338	847	8050	0.1570
Crocus228	184.72	43.10	227.82	112.7	30/2.8	7/2.8	19.6	510	338	847	9210	0.1570
Canna288	233.8	54.55	288.35	142.6	30/3.15	7/3.15	22.05	645	426	1071	9850	0.1240
Crocus288	233.8	54.55	288.35	142.6	30/3.15	7/3.15	22.05	645	426	1071	11380	0.1240
Crocus297	221.67	75.54	297.21	135.2	36/2.8	19/2.25	22.45	618	592	1210	14720	0.1310
Crocus412	325.72	85.95	411.67	198.7	32/3.6	19/2.4	26.4	906	674	1580	17330	0.0890
Crocus612	507.83	104.79	611.8	309.8	66/4.24	19/2.65	32.03	1408	822	2230	23150	0.0571
Crocus865	717.33	148.06	865.4	437.9	66/3.72	19/3.15	38.01	1990	1161	3151	31900	0.0404
Crocus1185	956.66	227.82	1185	583.6	54/2.80	37/2.8	44.7	2668	1792	4460	48050	0.0304