

ASC Bare Overhead Conductor

Conductor

Bare all-aluminum 1350 (A1 or ASC) are concentric-lay-stranded conductors consisting of one or more layers of wire wrapped helically around a straight round central wire. Each successive layer has six wires more than the layer immediately beneath. Greater flexibility is provided by increasing the number of strands for a specific cross-sectional area.



Class AA strandings are used for bare overhead lines. The direction of lay of the outer layer is right-hand and is normally reversed in successive layers. The temper is full hard drawn (H19).

Class A strandings are used primarily for overhead conductors which are to be covered with weather-resistant materials. Greater flexibility is provided than Class AA. The outer layer is right-hand and the temper is generally H19. Successive layers are normally reverse lay.

Approvals

Manufactured in accordance with the requirements of the latest applicable issue of CAN/CSA C61089

Product Code	Code Word	Size		# of Strands		Class	OD mm	Nominal Mass kg/km	Rated Strength kN
		AWG or kcmil	mm ²	Aluminum					
242005	Iris	2	33.6	7		A, AA	7.41	91.91	6.21
241020	Oxlip	4/0	107.2	7		A, AA	13.3	294.3	17.7
241022	Daisy	266.8	135.2	7		AA	14.9	370.5	22.32
240895	Tulip	336.4	170.5	19		A	16.9	469.1	29.0
241026	Zinnia	500	253.4	19		AA	20.6	697.7	41.79
241030	Dahlia	556.5	282.0	19		AA	21.8	777.0	46.6
241041	Arbutus	795	402.8	37		AA	26.1	1112	68.36
241055	Columbine	1351.5	684.8	61		A, AA	34	1893	113.0
241060	Coreopsis	1590	805.7	61		AA	36.9	2227	132.9
241046	Narcissus	1272	644.5	61		A, AA	33	1782	109.7
241043	Camellia	1000	506.7	61		A	29.3	1403	86
241063	Cowslip	2000	1013	91		A	41.4	2804	167.6
241065	Trillium	3000	1520.1	127		A	50.7	4232	250
241067	Bluebonnet	3500	1773.5	127		A	54.9	4955	293

ACS.pdf