



AAC - ALL ALUMINUM CONDUCTOR 6 - 750MCM

CONSTRUCTION:

CONDUCTOR ALUMINUM 1350-19 WIRES, CONCENTRICALLY STRANDED.

Code Word	Size AWG or MCM	Stranding		Diameter (in inches)		Cross Sectional Area (sq. in.)	WEIGHT (lbs/1000ft)	Rated Breaking Strength (lbs)	Resistance Ohms/1000ft		Rating (amps)*
		Number Of Wires	Strand Class	Individual Wires	TOTAL O.D.				DC @ 20C	AC @ 20C	
Peachbell	6	7	A	.0612"	.184"	.0206	25	563	.6580	.8050	103
Rose	4	7	A	.0772"	.232"	.0328	39	881	.4140	.5060	138
Iris	2	7	AA, A	.0974"	.292"	.0522	62	1350	.2600	.3180	185
Pansy	1	7	AA	.1093"	.328"	.0657	78	1640	.2070	.2520	214
Poppy	1/0	7	AA, A	.1228"	.368"	.0829	99	1990	.1640	.2000	247
Aster	2/0	7	AA, A	.1379"	.414"	.1045	125	2510	.1300	.1590	286
Phlox	3/0	7	AA, A	.1548"	.464"	.1317	157	3040	.1030	.1260	331
Oxlip	4/0	7	AA, A	.1739"	.522"	.1663	198	3830	.0817	.0999	383
Sneezewort	250	7	AA	.1890"	.567"	.1964	234	4520	.0691	.0846	426
Valerian	250	19	A	.1147"	.574"	.1963	234	4660	.0691	.0846	426
Daisy	266.8	7	AA	.1952"	.586"	.2095	250	4830	.0648	.0793	443
Laurel	266.8	19	A	.1185"	.592"	.2095	250	4970	.0648	.0793	444
Peony	300	19	A	.1257"	.628"	.2358	281	5480	.0576	.0706	478
Tulip	336.4	19	A	.1331"	.665"	.2644	315	6150	.0514	.0630	513
Daffodil	350	19	A	.1357"	.679"	.2748	328	6390	.0494	.0605	526
Canna	397.5	19	AA, A	.1446"	.723"	.3120	373	7110	.0435	.0534	570
Goldentuft	450	19	AA	.1539"	.769"	.3534	422	7890	.0384	.0472	616
Cosmos	477	19	AA	.1584"	.792"	.3744	447	8360	.0362	.0445	639
Syringa	477	37	A	.1135"	.795"	.3744	447	8690	.0362	.0445	639
Zinnia	500	19	AA	.1622"	.811"	.3926	469	8760	.0346	.0425	658
Hyacinth	500	37	A	.1162"	.814"	.3924	469	9110	.0346	.0425	658
Dahlia	556.5	19	AA	.1711"	.856"	.4369	522	9750	.0311	.0382	703
Mistletoe	556.5	37	AA, A	.1226"	.858"	.4368	522	9940	.0311	.0382	704
Meadowsweet	600	37	AA, A	.1273"	.891"	.4709	562	10700	.0228	.0355	738
Orchid	636	37	AA, A	.1311"	.918"	.4995	596	11400	.0272	.0335	765
Heuchera	650	37	AA, A	.1325"	.928"	.5102	609	11600	.0266	.0328	775
Verbena	700	37	AA	.1375"	.963"	.5494	656	12500	.0247	.0305	812
Flag	700	61	A	.1071"	.964"	.5495	656	12900	.0247	.0305	812
Violet	715.5	37	AA	.1391"	.973"	.5623	671	12800	.0242	.0299	823
Nasturtium	715.5	61	A	.1083"	.975"	.5619	671	13100	.0242	.0299	823
Petunia	750	37	AA	.1424"	.997"	.5893	703	13100	.0230	.0286	847
Cattail	750	61	A	.1109"	.998"	.5892	703	13500	.0230	.0286	847

*Amps based on Conductor temperature of 75Deg C, ambient temperature of 25Deg C, emissivity 0.5, wind 2ft./sec, in sun.

APPLICATION: For use as overhead transmission cable and also primary and secondary distribution cable. Class AA stranded items (least flexible) are conductors used for overhead lines. Class A stranded items (more flexible) are conductors used where greater flexibility is needed.

STANDARDS:

ASTM B230: Aluminum Wire, 1350-19 for Electrical Purposes.
ASTM B231: Aluminum Conductors, Concentric Lay Stranded Aluminum 1350 Conductors.