

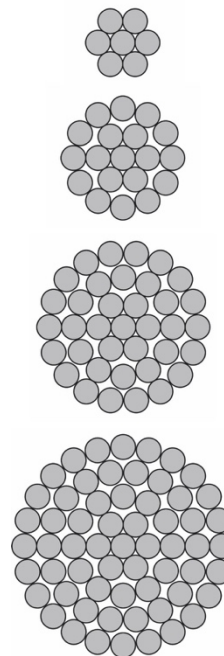
ALL ALUMINUM ALLOYED CONDUCTOR - AL59 (AAAC)

Application

AL59 is an aluminum alloy, that maintain a high conductivity together with a increased tensile strength. Additional corrosion protection is available through different grease alternatives.

Standard

Conductor SS 424 08 14



E-number	Old code	Area [mm ²]	No. of wires [-]	Wire diameter [mm]	Conductor diameter [mm]	Weight [kg/km]	Tensile strength [kN]	DC resistance [Ω/km]
0620290	62	62,44	7	3,37	10,1	170	15,6	0,4700
0620291	99	99,31	7	4,25	12,8	271	22,8	0,2960
0620292	159	158,60	19	3,26	16,3	436	39,7	0,1860
0620293	241	241,20	19	4,02	20,1	663	55,5	0,1230
0620294	329	330,00	37	3,37	23,6	910	82,5	0,0899
0620295	454	454,50	61	3,08	27,7	1260	113,0	0,0654
0620296	593	593,60	61	3,52	31,7	1640	143,0	0,0501
0620297	774	774,20	61	4,02	36,2	2140	178,0	0,0384
0620298	910	910,70	61	4,36	39,2	2520	209,0	0,0326

*Resistance is based on the individual resistance of the wires according to SS 4240813 (29,05 nΩm)
 All illustrations and specifications of weight, size and dimensions are only indicative