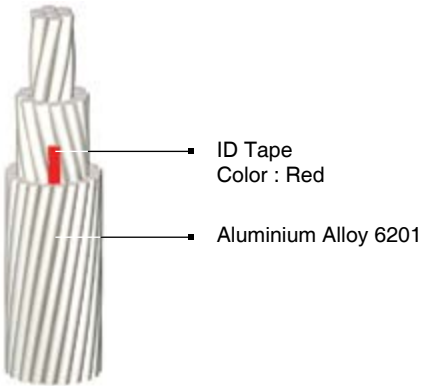
AAAC 6201

All Aluminium Alloy Conductor 6201

Standard Specification : AS 1531 : 1991



Technical Data

Type	Number / Dia. of Wire	Calculated Cross Sect. Area	Approx. Overall Diameter	Approx. Weight	Calculated Breaking Load	DC Resistance at 20° C Max.	Current Carrying Capacity *	Standard Length per Reel
	No. / mm	mm²	mm	kg/km	kN	Ohm/km	A	m
Diamond	7 / 2.50	34.4	7.50	94	9.64	0.967	158	2,000
Dolomite	7 / 2.75	41.6	8.25	114	11.6	0.799	179	2,000
Emerald	7 / 3.00	49.5	9.00	135	13.9	0.671	200	2,000
Garnet	7 / 3.75	77.3	11.25	212	21.7	0.430	266	2,000
Jade	7 / 4.50	111.3	13.50	305	31.2	0.298	336	2,000
Jasper	7 / 4.75	124.0	14.25	340	34.8	0.268	359	2,000
Opal	19 / 3.25	157.6	16.25	434	44.2	0.212	419	2,000
Patronite	19 / 3.50	182.8	17.50	503	51.3	0.183	461	2,000
Pearl	19 / 3.75	209.8	18.75	577	58.8	0.159	504	2,000
Ruby	37 / 3.00	261.5	21.00	721	73.5	0.128	580	2,000
Ruthenium	37 / 3.25	306.9	22.75	846	86.1	0.109	643	2,000
Rutile	19 / 4.75	336.7	23.75	926	94.4	0.0991	683	2,000
Sapphire	37 / 3.75	408.7	26.25	1,127	115	0.0819	772	2,000
Spinel	61 / 3.25	506.0	29.25	1,398	135	0.0662	884	2,000
Tantalum	61 / 3.50	586.9	31.50	1,621	156	0.0572	970	2,000
Topaz	61 / 3.75	673.7	33.75	1,861	179	0.0498	1,058	2,000

*Note :
Ambient temperature : 35° C
wind velocity : 0.5 m/sec
Continuous operating temperature of conductor : 80°C
Conductivity of Al : 52.5% IACS

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