

AS Wire

Aluminium Clad Steel Wire

Standard Specification : DIN EN 50182 : 2001, DIN EN 61232 : 1995

Grade 20.3 % IACS



Aluminium Clad Steel

Technical Properties

Size	Number / Dia. of Wire	Calculated Cross Sect. Area	Approx. Overall Diameter	Approx. Weight	Calculated Breaking Load	DC Resistance at 20° C Max.	Standard Length per Reel
mm ²	No. / mm	mm ²	mm	kg/km	kN	Ohm/km	m
25	7 / 2.10	24.2	6.30	162	32.49	3.5364	2,000
35	7 / 2.50	34.4	7.50	229	46.04	2.4953	2,000
50	7 / 3.00	49.5	9.00	330	66.30	1.7328	2,000
55*	7 / 3.20	56.3	9.60	375	64.18	1.5312	2,000
70	19 / 2.10	65.8	10.50	441	88.18	1.3102	2,000
95	19 / 2.50	93.3	12.50	625	124.98	0.9245	2,000
120	19 / 2.80	117.0	14.00	784	156.77	0.7370	2,000
150	37 / 2.25	147.1	15.75	989	197.13	0.5881	2,000
185	37 / 2.50	181.6	17.50	1,221	243.38	0.4764	2,000
240	61 / 2.25	242.5	20.25	1,636	325.00	0.3579	2,000
300	61 / 2.50	299.4	22.50	2,020	401.24	0.2899	2,000

* Not included in the specification but commonly used in Indonesia