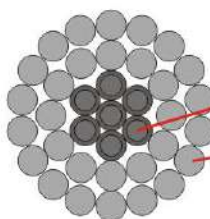


ALUMINIUM CONDUCTOR CLAD STEEL REINFORCED (ACSR/AS)



 Construction :



Aluminium Clad Steel Wire

Aluminium Conductor

 Application :

Suitable in all practical transmission towers, application range from extra high voltage transmission lines to sub-service spans at distribution or utilization voltage on private.

 Technical Data :

Standard : According to SPLN T3.001-1 : 2007

 Special Features Upon Request

Code Number	No. / Diameter of Wire		Calculated Cross Section Area			Approx. Overall Diameter	Approx. Weight	Max. DC Resistance (20 °C)	Current Carrying Capacity (30 °C)
	Al.	AS	Al.	AS	Total				
	mm	mm	mm	mm	mm				
100	6/4.51	1/4.51	95.9	16	111.8	13.8	370	0.2868	478
125	18/2.95	1/2.95	123	6.8	129.9	14.9	385	0.2304	548
125	26/2.43	7/1.89	120.6	19.6	140.2	15.7	468	0.2308	555
160	18/3.34	1/3.34	157.7	8.8	166.5	16.8	492	0.18	642
160	26/2.74	7/2.13	153.3	24.9	178.3	17.7	589	0.1803	650
200	18/3.74	1/3.74	197.7	11	208.7	18.8	618	0.144	740
200	26/3.07	7/2.39	192.5	31.4	223.9	19.8	745	0.1443	745
250	22/3.76	7/2.09	244.3	24	268.3	21.6	816	0.1153	861
250	26/3.43	7/2.67	240.2	39.2	279.4	22.2	925	0.1154	866
315	45/2.96	7/1.97	309.7	21.3	331	23.9	996	0.0917	998
315	26/3.85	7/2.99	302.7	49.2	351.8	24.9	1,165	0.0916	1,009
400	45/3.34	7/2.22	394.3	27.1	421.4	26.9	1,271	0.0722	1,157
400	54/3.02	7/3.02	386.8	50.1	437	27.6	1,410	0.0723	1,163
450	45/3.54	7/2.36	442.9	30.6	473.5	28.5	1,433	0.0642	1,245
450	54/3.21	7/3.21	437	56.6	493.7	29.3	1,592	0.0642	1,255
500	45/3.73	7/2.49	491.7	34.1	525.8	30.1	1,595	0.0578	1,332
500	54/3.38	7/3.38	484.5	62.8	547.3	30.9	1,759	0.0578	1,342
560	45/3.95	7/2.63	551.4	38	589.5	31.8	1,785	0.0516	1,433
560	54/3.58	19/2.15	543.6	69	612.5	32.7	1,972	0.0516	1,441
630	45/4.19	7/2.79	620.5	42.8	663.3	33.8	2,010	0.063	1,542
630	54/3.79	19/2.25	609.2	75.5	684.7	34.7	2,249	0.063	1,549

ACSR/AS

Type	Cross Section Area			No. & Diameter of Wire		Overall Diameter		Linier Density	Min. Breaking Load	Max. DC Resistance (20 °C)	Weight
	A1	SA1A	Total	A1	SA1A	Core	Conductor				
	mm ²	mm	mm	mm	mm	mm	mm				
250-A1/SA1A-26/7	240	39.1	279	26/3.43	7/2.67	8.00	21.7	921.5	86.58	0.1154	925
450-A1/SA1A-54/7	436	56.5	492	54/3.21	7/3.21	9.62	28.9	1578.2	139.72	0.0642	1625