

ACSR

ACSR is a conductor built around a galvanized steel core consisting of one or more wires. The ratio of steel to aluminium is adjusted according to the required mechanical strength and current-carrying capacity.

By combining aluminium's excellent conductivity with steel's high tensile strength, ACSR provides superior tension performance and reduced sag. This enables longer span lengths compared to most other conductor types, making it ideal for distribution and transmission networks.

For extended service life and enhanced corrosion protection, the conductor can be supplied with grease filling during the stranding process.

APPLICATION

ACSR is a conductor with a galvanized steel core surrounded by aluminium strands. It combines aluminium's high conductivity with steel's tensile strength, enabling higher tension, reduced sag and longer spans. ACSR is widely used in distribution and transmission networks and can be supplied greasefilled for enhanced corrosion protection and extended service life.

STANDARDS

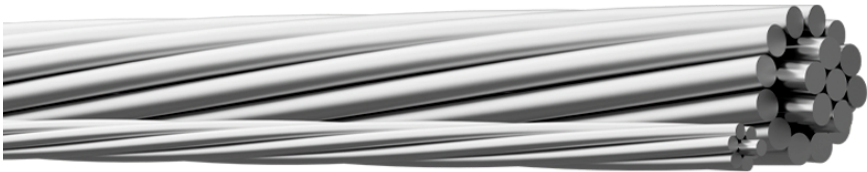
Conductor

SS EN 50182

CONSTRUCTION

Conductor

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Name	Article number	E-Number	Old code	Maximum breaking load [kN]	DC resistance [Ω/km]	Conductor diameter [mm]	Construction	Cross section [mm²]	Number of strands [pcs]	Total weight [kg/km]	Strand diameter [mm]	Packaging
Raven	0620191	0620191	RAVEN	18.64	0.5355	10.1	1+6	62.4	7	216.1	3.37	Inquiry
Pigeon	0620192	0620192	PIGEON	29.22	0.3367	12.8	1+6	99.3	7	343.6	4.25	Inquiry
Dotterel	0620205	0620205	DOTTEREL	72.12	0.323	15.4	12+7	141.6	19	654.8	3.08	Inquiry
Partridge	0620193	0620193	PARTRIDGE	48.66	0.2141	16.3	26+7	156.9	33	544.5	2.57	Inquiry
Oden	0620206	0620206	ODEN	93.62	0.2473	17.6	12+7	184.9	19	855.2	3.52	Inquiry
Ibis	0620194	0620194	IBIS	70.53	0.1434	19.9	26+7	234.1	33	812.1	3.14	Inquiry
Atle	0620207	0620207	ATLE	122.1	0.1896	20.1	12+7	241.2	19	1115.4	4.02	Inquiry
Dove	0620195	0620195	DOVE	97.56	0.1022	23.6	26+7	328.5	33	1139.6	3.72	Inquiry
Ymer	0620208	0620208	YMER	116.3	0.1152	23.2	32+7	391.1	39	1226.7	3.16	Inquiry
Condor	0620196	0620196	CONDOR	123.75	0.0719	27.7	54+7	454.5	61	1520.5	3.08	Inquiry
Morkulla	0620201	0620201	MORKULLA	123.47	0.0513	31.7	42+7	592	49	1783.7	4.13	Inquiry
Curlew	0620197	0620197	CURLEW	159.01	0.055	10.6	54+7	593.6	61	1986	3.52	Inquiry
Ripa	0620202	0620202	RIPA	160.93	0.0393	36.2	42+7	772.9	49	2327.5	4.72	Inquiry
Skata	0620198	0620198	SKATA	207.39	0.0422	36.2	54+7	774.2	61	2590.2	4.02	Inquiry
Falcon	0620199	0620199	FALCON	245.77	0.0358	39.3	54+19	908.7	73	3031.7	4.36	Inquiry
Orre	0620203	0620203	ORRE	188.55	0.0334	39.2	42+7	908.8	49	2733.1	5.12	Inquiry

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