

## Aluminum Conductor Steel Reinforced (ACSR)

### Aluminum Conductor Steel Reinforced, Bare Bare Overhead Transmission Cable

#### Aluminum



\*Product images are for illustrative purposes only and may differ from the actual product.

### Category Conductor Description:

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- ACSR, a non-homogenous conductor, is a concentric-lay-stranded conductor made from round aluminum 1350-H19 (extra hard) wires and round, coated steel core wire(s)

### Applications:

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- The favorable strength/weight ratio, achieved by the lightweight, strong conductivity of aluminum coupled with the high tensile strength of steel, makes ACSR conductors a preferred choice for overhead power transmission and distribution projects

### Standards:

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- ACSR conductors are manufactured in accordance with the ASTM specification B232
- Other ASTM referenced specifications include B230, B498, B500, B606, B802, B803, B957 and B958

**PART NUMBER TABLE**

<b>Part#</b>	<b>Gauge</b>	<b>Stranding (Al/Stl)</b>	<b>Alum Weight (Lbs./M)</b>	<b>Rated Strgth/Lbs.</b>
Turkey	6	6/1	24.4	1190
Swan	4	6/1	39	1860
SWANATE	4	7/1	39	2360
Sparate	2	7/1	61.9	3460
SPARROW	2	6/1	61.9	2850
Robin	1	6/1	78.1	3550
RAVEN	1/0	6/1	98.6	4380
QUAIL	2/0	6/1	124.1	5300
PIGEON	3/0	6/1	156.4	6620
PENGUIN	4/0	6/1	197.4	8350
PARTRIDGE	266	26/7	251.3	11300
WAXWING	266	18/1	249.9	6880
LINNET	336	26/7	316.5	14100
MERLIN	336	18/1	315.3	8680
Oriole	336.4	30/7	317.7	17300
Chickadee	397.5	18/1	372.5	9940
Ibis	397.5	26/7	374.1	16300
Lark	397.5	30/7	375.2	20300
HAWK	447	26/7	448.9	19500
Flicker	477	24/7	449.4	17200
Hen	477	30/7	450.4	23800
Pelican	477	18/1	447.1	11800
Dove	556.5	26/7	524.2	22600
Eagle	556.5	30/7	525.4	27800
Osprey	556.5	18/1	521.4	13700
Parakeet	556.5	24/7	524.3	19800
Peacock	605	24/7	570.1	21600
Egret	636	30/19	600.5	31500
Grosbeak	636	26/7	599	25200
Kingbird	636	18/1	596.3	15700
Rook	636	24/7	599.1	22600
Swift	636	36/1	596	13800
Flamingo	666.6	24/7	628.2	23700
Redwing	715.5	30/19	675.3	34600
Starling	715.5	26/7	674	28400
Condor	795	54/7	748	28200
Coot	795	36/1	745.1	16800
Cuckoo	795	24/7	749	27900
DRAKE	795	26/7	749	31500
Mallard	795	30/19	750.7	38400
Tern	795	45/7	749	22100

Note: The data shown are approximate and subject to standard industry and manufacturer tolerances.

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