

ACSR/TW

Aluminum Conductor Steel Reinforced

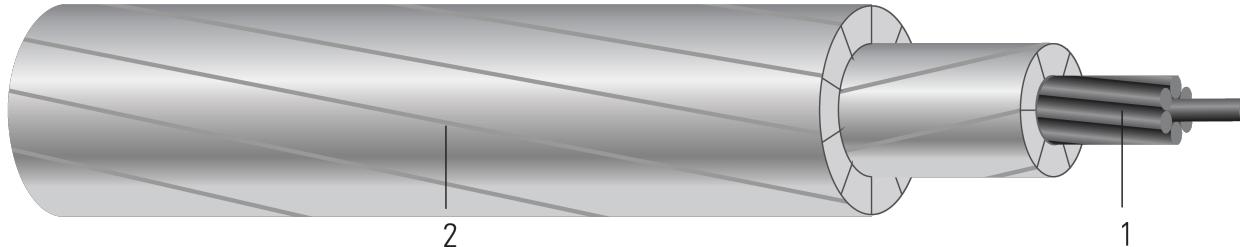


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Core:** Class A core stranding is also available in zinc-5% aluminum-mischmetal alloy coating.
2. **Stranding:** Aluminum 1350-H19 wires, trapezoidal-shaped wires, concentrically stranded about a steel core.

- Standard core wire for ACSR is class A galvanized.
- For aluminum-clad (AW) ACSR, please refer to the ACSR/AW catalog sheet.
- Additional corrosion protection is available through the application of grease to the core or infusion of the complete cable with grease.
- ACSR conductor is also available in non-specular.

APPLICATIONS AND FEATURES:

Used as bare overhead transmission conductor and as primary and secondary distribution conductor and messenger support. ACSR offers optimal strength for line design. Variable steel core stranding enables desired strength to be achieved without sacrificing ampacity

SPECIFICATIONS:

- ASTM B230 Aluminum, 1350-H19 Wire for Electrical Purposes
- ASTM B232 Concentric-Lay-Stranded, Aluminum Conductors, Coated Steel Reinforced (ACSR)
- ASTM B498 Zinc-Coated (Galvanized) Steel Core Wire for Aluminum Conductors, Steel Reinforced (ACSR)
- ASTM B500 Metallic Coated Stranded Steel Core for use in overhead Electrical Conductors



Weights and Measurements

Stock Number	Code Name	Conductor Size	Conductor Stranding	Overall Diameter	Aluminum Weight	Overall Weight
				inch	lb/1000ft	lb/1000ft
624383	SIMCOE	411.4	16	0.722	386	531
365775	DOVE	556.5	20	0.85	543	784
617080	CALUMET	565.3	20	0.86	552	796
617090	OSWEGO	664.8	20	0.93	647	935
618839	RAIL	954	32	1.061	898	1074
510032	SUWANNEE	959.6	22	1.11	935	1350
624384	ONTARIO	997.2	20	1.108	936	1279
617082	HUDSON	1158.4	24	1.196	1087	1487
617083	YUKON	1233.6	38	1.245	1164	1584
624378	SUPERIOR	1443.7	56	1.338	1357	1760
617085	RIO GRANDE	1533.3	38	1.38	1447	1966
335265	PECOS	1622	39	1.42	1533	2106
624382	CHUKAR	1780	38	1.445	1731	2118
617086	CUMBERLAND	1926.9	42	1.549	1821	2506

