



Bare Copper Stranded Conductor

Bare or Tinned, Soft (Annealed), Medium Hard, Hard Drawn

Application:

Suitable for use in electrical grounding systems (including counterpoise grounding) and on insulators for overhead transmission and distribution applications. Stranded conductors offer greater flexibility than solid.

Standards:

- ASTM Standards:
 B-1 (hard drawn)
 B-2 (medium hard drawn)
 B-3 (soft or annealed)
 B-8 (concentric lay stranded)
 B-33 (tinned)
 B-787 (combination strand)

REA/RUS Approved
 Federal Standard QQ-W-343
 RoHS Compliant

Part Number	Size AWG	Strand (no.)	Stranding Class	Nominal Diameter Overall (inch)	Approx. Net Weight (lb/1000')	Hard Drawn		Medium Hard Drawn		Soft Drawn		Ampacity*
						Min. Breaking Strength (lbs.)	DC Resistance (OHMS/1000') @ 20°C	Min. Breaking Strength (lbs.)	DC Resistance (OHMS/1000') @ 20°C	DC Resistance (OHMS/1000') @ 20°C		
										Bare	Tinned	
BST26S16	16	26	K	0.058	7.97	124.7	4.2590	100.4	4.2370	4.0960	4.1100	-
BST7S14	14	7	B	0.073	12.70	197.1	2.6790	157.7	2.6650	2.5800	2.6800	-
BST7S12	12	7	B	0.092	20.20	311.1	1.6850	247.7	1.6760	1.6200	1.6900	-
BST7S10	10	7	B	0.115	32.00	491.7	1.0600	388.9	1.0540	1.0200	1.0600	-
BST7S8	8	7	B	0.143	50.90	777.0	0.6663	610.0	0.6629	0.6408	0.6654	98
BST7S6	6	7	B	0.181	81.00	1,228.0	0.4191	959.0	0.4169	0.4030	0.4196	124
BST7S4	4	7	A,B	0.230	128.90	1,938.0	0.2636	1,505.0	0.2622	0.2540	0.2637	155
BST7S3	3	7	A,B	0.254	162.50	2,433.0	0.2090	1,885.0	0.2079	0.2010	0.2086	-
BST3S2	2	3	AA	0.320	202.90	2,912.0	0.1641	2,298.0	0.1633	0.1578	-	209
BST7S2	2	7	A,B	0.284	204.90	3,050.0	0.1660	2,360.0	0.1650	0.1594	0.1657	209
BST7S1	1	7	A,AA	0.328	258.40	3,801.0	0.1316	2,955.0	0.1309	0.1265	0.1302	-
BST19S1	1	19	B**	0.316	258.40	3,902.0	0.1316	3,039.0	0.1309	0.1265	0.1313	-
BST7S1/0	1/0	7	A,AA	0.368	325.80	4,752.0	0.1042	3,705.0	0.1037	0.1002	0.1031	282
BST19S1/0	1/0	19	B**	0.357	325.80	4,897.0	0.1042	3,802.0	0.1037	0.1003	0.1043	282
BST7S2/0	2/0	7	A,AA	0.414	410.90	5,927.0	0.0826	4,640.0	0.0822	0.0795	0.0818	329
BST19S2/0	2/0	19	B**	0.402	410.90	6,153.0	0.0826	4,765.0	0.0822	0.0795	0.0826	329
BST7S3/0	3/0	7	A,AA	0.464	518.10	7,36.0	0.0655	5,812.0	0.0652	0.0631	0.0649	382
BST19S3/0	3/0	19	B**	0.450	518.10	7,702.0	0.0655	5,973.0	0.0652	0.0631	0.0655	382
BST7S4/0	4/0	7	A,AA	0.522	653.30	9,154.0	0.0519	7,278.0	0.0517	0.0499	-	444
BST19S4/0	4/0	19	B**	0.509	653.30	9,617.0	0.0519	7,479.0	0.0517	0.0500	0.0515	444
BST61S4/0	4/0	61	D	0.530	653.30	9,903.0	0.0519	7,728.0	0.0517	0.0500	0.0520	444

*Per NEC Table 310-21. Based on conductor temperature of 80°C; ambient temperature of 40°C; 2 ft./sec. wind.
 **Ref ASTM B-787 NOTE: The data shown is approximate and subject to standard industry tolerance