



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)

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

Part Number	Size Kcmil	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	
BST19S250	250	19	A	0.574	771.9	11,360	0.0440	8,836	0.0438	0.0423	0.0435	494
BST37S250	250	37	B	0.572	771.9	11,600	0.0440	8,952	0.0438	0.0423	0.0440	494
BST19S300	300	19	A	0.629	926.3	13,510	0.0366	10,530	0.0365	0.0352	0.0363	556
BST37S300	300	37	B	0.629	926.3	13,855	0.0366	10,732	0.0365	0.0353	0.0367	556
BST19S350	350	19	A	0.678	1,081.0	15,590	0.0314	12,200	0.0313	0.0302	0.0311	-
BST37S350	350	37	B	0.676	1,081.0	16,070	0.0314	12,462	0.0313	0.0302	0.0314	-
BST19S400	400	19	A,AA	0.726	1,235.0	17,810	0.0275	13,950	0.0273	0.0264	0.0272	-
BST37S400	400	37	B	0.721	1,235.0	18,331	0.0275	14,144	0.0273	0.0264	0.0272	-
BST19S500	500	19	AA	0.811	1,544.0	21,942	0.0220	17,313	0.0219	0.0212	0.0218	773
BST37S500	500	37	A,B	0.796	1,544.0	22,495	0.0220	17,517	0.0219	0.0212	0.0218	773
BST61S600	600	61	B	0.887	1,853.0	27,530	0.0183	21,350	0.0182	0.0176	0.0181	-
BST37S750	750	37	AA	0.997	2,316.0	33,411	0.0146	26,162	0.0146	0.0141	0.0145	1,000
BST61S750	750	61	A,B	0.985	2,316.0	34,090	0.0146	26,510	0.0146	0.0141	0.0145	1,000
BST37S1000	1000	37	AA	1.152	3,088.0	43,826	0.0110	34,396	0.0109	0.0106	0.0109	1,193
BST61S1000	1000	61	A,B	1.152	3,088.0	45,030	0.0110	35,100	0.0109	0.0106	0.0109	1,193

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