

Product Data Sheet

SJTO and STO



Product Description

Thermoplastic insulation
Thermoplastic jacket
60°C, 300 or 600 V

Applications

For use as power cords on machine tools, portable power equipment and appliances.

Specifications

- CONDUCTOR: Annealed, bare copper per ASTM B-3, flexible, bunch stranded per UL 62
- INSULATION: Polyvinyl Chloride (PVC) per UL 62
- COLOR CODE: Per ICEA Method 1, Table E-1 except 3/C which is black, white, green
- ASSEMBLY: Insulated conductors are cabled with fillers as necessary to make round, a separator is applied over the assembly
- OVERALL JACKET: Polyvinyl Chloride (PVC) per UL 62
- STANDARDS: Meets UL and CSA requirements for Type SJTO or STO
- AMPACITY: Based on a 30°C ambient temperature per 2008 NEC Table 400.5(A), Column A
- TEMPERATURE: 60°C
- VOLTAGE: SJTO, 300 V; STO, 600 V

Type SJTO - 300 V

Diameters and weights may vary among manufacturers. For flexible strand add "F" suffix to Part No., (e.g., 4AT-1602F). For yellow add -05 suffix to Part No., (e.g., 4BT-1203-05). For gray add -09 suffix to Part No., (e.g., 4AT-1404-09).

Product Data Sheet

Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
4BT-1802	18	16	2	0.030	0.290	42	10
4BT-1803	18	16	3	0.030	0.310	53	7
4BT-1804	18	16	4	0.030	0.340	73	5.6
4BT-1602	16	26	2	0.030	0.310	54	13
4BT-1603	16	26	3	0.030	0.330	73	10
4BT-1604	16	26	4	0.030	0.360	84	8
4BT-1402	14	41	2	0.030	0.350	71	18
4BT-1403	14	41	3	0.030	0.370	88	15
4BT-1404	14	41	4	0.030	0.410	112	12
4BT-1202	12	65	2	0.030	0.420	135	25

Type STO - 600 V

Diameters and weights may vary between manufacturers. For flexible strand add "F" suffix to Part No., (e.g., 4AT-1602F). For yellow add -05 suffix to Part No., (e.g., 4BT-1203-05). For gray add -09 suffix to Part No., (e.g., 4AT-1404-09).

Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
4AT-1802	18	16	2	0.030	0.350	73	10
4AT-1803	18	16	3	0.030	0.370	77	7
4AT-1804	18	16	4	0.030	0.400	103	5.6
4AT-1602	16	26	2	0.030	0.380	75	13
4AT-1603	16	26	3	0.030	0.400	91	10
4AT-1604	16	26	4	0.030	0.430	109	8
4AT-1605	16	26	5	0.030	0.500	138	8
4AT-1606	16	26	6	0.030	0.540	105	8
4AT-1609	16	26	9	0.030	0.600	203	7
4AT-1612	16	26	12	0.030	0.710	266	5
4AT-1616	16	26	16	0.030	0.770	319	5
4AT-1620	16	26	20	0.030	0.840	372	5
4AT-1402	14	41	2	0.045	0.520	130	18
4AT-1403	14	41	3	0.045	0.540	160	15
4AT-1404	14	41	4	0.045	0.580	194	12
4AT-1202	12	65	2	0.045	0.590	175	25
4AT-1203	12	65	3	0.045	0.610	216	20
4AT-1204	12	65	4	0.045	0.660	263	16
4AT-1002	10	105	2	0.045	0.640	232	30
4AT-1003	10	105	3	0.045	0.670	278	25
4AT-1004	10	105	4	0.045	0.730	340	20
4AT-0603	6	133	3	0.060	0.990	600	45
4AT-0604	6	133	4	0.060	1.100	800	36