

# Product Data Sheet

SJ



## Product Description

Synthetic rubber insulation  
Thermoset jacket  
60°C, 300 V

## Applications

For use as power cords on portable tools, major appliances and similar medium-duty applications.

## Specifications

- CONDUCTOR: Bare, annealed copper per ASTM B-3. Flexible, bunch stranded per UL 62, a separator can be applied over the conductor
- INSULATION: Synthetic rubber 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: Black, thermosetting rubber
- STANDARDS: Meets UL and CSA requirements for Type SJ
- AMPACITY: Based on a 30°C ambient temperature per 2008 NEC Table 400.5(A), Column A, the values are derated (where applicable) according to 2008 NEC Article 400.5
- TEMPERATURE: 60°C
- VOLTAGE: 300 V

# Product Data Sheet

Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG	No. of Strands	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
4D-1802	18	16	2	0.030	0.030	0.290	49	7
4D-1803	18	16	3	0.030	0.030	0.300	64	7
4D-1804	18	16	4	0.030	0.030	0.340	74	5.6
4D-1602	16	26	2	0.030	0.030	0.310	60	10
4D-1603	16	26	3	0.030	0.030	0.330	77	10
4D-1604	16	26	4	0.030	0.030	0.370	95	8
4D-1402	14	41	2	0.030	0.030	0.340	73	15
4D-1403	14	41	3	0.030	0.030	0.370	97	15
4D-1404	14	41	4	0.030	0.030	0.410	120	12
4D-1202	12	65	2	0.030	0.045	0.420	108	20
4D-1203	12	65	3	0.030	0.045	0.440	136	20
4D-1204	12	65	4	0.030	0.045	0.480	180	16
4D-1002	10	105	2	0.045	0.045	0.570	200	25
4D-1003	10	105	3	0.045	0.045	0.600	244	25
4D-1004	10	105	4	0.045	0.045	0.660	306	20