Product Data Sheet

SJOOW

Product Description
Synthetic rubber insulation
Thermoset jacket
90℃, 300 V

Applications
For use with portable appliances, small motors and tools. Also, for light-load general use in equipment exposed to oils, solvents, flame, grease.

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, oil-resistant thermoset compound per UL 62
- STANDARDS: Meets UL and CSA requirements for Type SJOOW
- AMPACITY: Based on a 30℃ 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: 90℃
- VOLTAGE: 300 V

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Diameters and weights may vary among manufacturers. Other colors available: Yellow add -05 suffix to Part No. (e.g., 4B-1403-05). Orange add -08 suffix to Part No. (e.g., 4B-1404-08). For constantly flexing application, add "F" to Part No. (e.g., 4B-1804F).

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
4B-1802	18	16	2	0.030	0.030	0.280	41	7
4B-1803	18	16	3	0.030	0.030	0.300	54	7
4B-1804	18	16	4	0.030	0.030	0.325	67	5.6
4B-1602	16	26	2	0.030	0.030	0.305	51	10
4B-1603	16	26	3	0.030	0.030	0.325	69	10
4B-1604	16	26	4	0.030	0.030	0.350	84	8
4B-1402	14	41	2	0.030	0.030	0.335	66	15
4B-1403	14	41	3	0.030	0.030	0.360	88	15
4B-1404	14	41	4	0.030	0.030	0.390	111	12
4B-1202	12	65	2	0.030	0.030	0.405	100	20
4B-1203	12	65	3	0.030	0.030	0.425	129	20
4B-1204	12	65	4	0.030	0.030	0.465	164	16
4B-1002	10	104	2	0.045	0.045	0.540	169	25
4B-1003	10	104	3	0.045	0.045	0.565	218	25
4B-1004	10	104	4	0.045	0.045	0.625	281	20