

BMS 13-58 Details of Conductors

Wire Size (AWG)	Conductor Strands			Diameter of Stranded Conductor (in.)		Maximum DC Resistance (Ohms/1000 ft. at 20C Max)	
	Number	AWG	Nominal Diameter (in.)	Min.	Max.	Nickel Coated Copper	Nickel Coated High Strength Copper
24	19	36	0.0050	0.023	0.026	26.20	30.10
22	19	34	0.0063	0.029	0.033	16.00	18.60
20	19	32	0.0080	0.037	0.041	9.77	11.40
18	19	30	0.0100	0.046	0.051	6.70	7.20
16	19	29	0.0113	0.052	0.058	4.76	5.60
14	19	27	0.0142	0.065	0.073	3.00	--
12	37	28	0.0126	0.084	0.090	1.98	--
10	37	26	0.0159	0.106	0.114	1.24	--
8	133	29	0.0113	0.158	0.173	0.694	--
6	133	27	0.0142	0.198	0.217	0.436	--
4	133	25	0.0179	0.250	0.274	0.275	--
2	665	30	0.0100	0.320	0.340	0.177	--
1/0	1045	30	0.0100	0.395	0.425	0.113	--
2/0	1330	30	0.0100	0.440	0.475	0.089	--
3/0	1665	30	0.0100	0.500	0.540	0.071	--
4/0	2109	30	0.0100	0.565	0.605	0.056	--