The following grounding wire sizes are based on the minimum calculated DC resistance of the outer conductor of semiflex cable and the resistance of the closest copper wire size that does not exceed the calculated resistance.

Cable Type	Outer Conductor				Closest Copper Wire Size Resistance		
	Max. OD (inches)	Max. Wall (inches)	ID (inches)	Resistance (Ohms/kft)	AWG	(Ohms/kft)	OD (inches)
412	0.414	0.026	0.362	0.4216	6	0.3952	0.1620
500	0.502	0.026	0.450	0.3437	5	0.3135	0.1819
625	0.627	0.032	0.563	0.2234	3	0.1971	0.2294
750	0.752	0.037	0.678	0.1608	2	0.1563	0.2576
875	0.877	0.040	0.797	0.1270	1	0.1239	0.2893
1000	1.002	0.056	0.890	0.0803	2/0	0.07793	0.3648
565	0.567	0.025	0.517	0.3139	5	0.3135	0.1819
700	0.705	0.027	0.651	0.2323	3	0.1971	0.2294
840	0.842	0.032	0.778	0.1641	2	0.1563	0.2576
1160	1.162	0.053	1.056	0.0724	3/0	0.06182	0.4096

Calculations based on dimensions and aluminum resistivity of 2.828 microhm-cm.

Note: The above copper wires do not apply to the cable in general because the center conductors of the cables are significantly smaller with correspondingly high resistance.