

CPE - Type SGR

Battery Cable

SAE: 90°C, J1127



IEWC Part Number	AWG	Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight	
			in	mm	in	mm	lbs/1k ft	kg/km
SGR06	6	49/23	0.060	1.5	0.297	7.5	78	116
		137/27	0.060	1.5	0.300	7.6	79	118
SGR04	4	61/22	0.065	1.7	0.353	9.0	132	196
		133/25	0.065	1.7	0.359	9.1	132	196
		420/30	0.065	1.7	0.389	9.9	133	198
SGR02	2	127/23	0.065	1.7	0.428	10.9	200	298
		133/23	0.065	1.7	0.426	10.8	212	315
		266/26	0.065	1.7	0.457	11.6	196	292
		665/30	0.065	1.7	0.448	11.4	205	305
		704/30	0.065	1.7	0.436	11.1	192	286
SGR01	1	127/22	0.065	1.7	0.480	12.2	247	368
		266/25	0.065	1.7	0.498	12.6	258	384
		880/30	0.065	1.7	0.481	12.2	257	382
SGR1/0	1/0	127/21	0.065	1.7	0.537	13.6	299	445
		266/24	0.065	1.7	0.496	12.6	310	461
		1064/30	0.065	1.7	0.556	14.1	328	488
SGR2/0	2/0	127/20	0.065	1.7	0.551	14.0	402	598
		1408/30	0.065	1.7	0.570	14.5	409	609
SGR3/0	3/0	1760/30	0.078	2.0	0.640	16.3	518	771
SGR4/0	4/0	2224/30	0.078	2.0	0.722	18.3	653	972

Notes

- Soft-annealed, bare copper conductor
- Chlorinated polyethylene (CPE) insulation
- RoHS Compliant
- Standard insulation colors: black and red

Alternative Constructions

- Ethylene propylene diene monomer (EPDM) insulation
- Temperature rating up to 125°C

Available Certifications

SAE: J1654
 Ford: ESF-M1L6-A, ESF-M1L28-A,
 ESF-M1L34-A, ESF-M164-A, ESF-
 M165-A, EST-M1L118-A
 Chrysler: MS-1864
 Delphi: M-1643, M-3770

Applications

For use in automotive, grounding, lighting, tool and appliance applications. Rated for continuous use up to 90°C.