

Weight savings analysis: machine-braided GS27500 wire with standard Nickel overbraid versus ArmorLite or AmberStrand overbraid

Weight Savings: Machine-braided 2-conductor wire with standard Nickel shielding versus ArmorLite and AmberStrand (calculated weight)										
Conductor wire gauge (AWG)	GS27500 wire, Nickel-Coated copper overbraided shielding		968-001 GS27500 wire, ArmorLite overbraided shielding		968-001 GS27500 wire, ArmorLite CF overbraided shielding		Armorlite Weight savings	968-001 GS27500 wire, AmberStrand overbraided shielding		Amber-Strand Weight savings
	Part Number	Weight (g/m)	Part Number	Weight (g/m)	Part Number	Weight (g/m)		Part Number	Weight (g/m)	
#26	GS27500-26SS2N23	12.63	968-001-26SS2AR23	9.21	968-001-26SS2AC23	9.21	-27%	968-001-26SS2AM23	8.83	-30%
#24	GS27500-24SS2N23	15.45	968-001-24SS2AR23	11.65	968-001-24SS2AC23	11.65	-25%	968-001-24SS2AM23	11.19	-28%
#20	GS27500-20SS2N23	25	968-001-20SS2AR23	20.24	968-001-20SS2AC23	20.24	-19%	968-001-20SS2AM23	19.55	-22%
#14	GS27500-14SS2N23	59.25	968-001-14SS2AR23	51.73	968-001-14SS2AC23	51.73	-13%	968-001-14SS2AM23	50.52	-15%
#12	GS27500-12SS2N23	84.05	968-001-12SS2AR23	75.16	968-001-12SS2AC23	75.16	-11%	968-001-12SS2AM23	73.72	-12%

Weight savings: Machine-braided 3-conductor wire with standard Nickel shielding versus ArmorLite and AmberStrand (calculated weight)										
Conductor wire gauge (AWG)	GS27500 wire, Nickel-Coated copper overbraided shielding		968-001 GS27500 wire, ArmorLite overbraided shielding		968-001 GS27500 wire, ArmorLite CF overbraided shielding		Armorlite Weight savings	968-001 GS27500 wire, AmberStrand overbraided shielding		Amber-Strand Weight savings
	Part Number	Weight (g/m)	Part Number	Weight (g/m)	Part Number	Weight (g/m)		Part Number	Weight (g/m)	
#26	GS27500-26SS3N23	15.88	968-001-26SS3AR23	12.04	968-001-26SS3AC23	12.04	-24%	968-001-26SS3AM23	11.55	-37%
#24	GS27500-24SS3N23	19.75	968-001-24SS3AR23	15.49	968-001-24SS3AC23	15.49	-22%	968-001-24SS3AM23	14.93	-32%
#20	GS27500-20SS3N23	33.23	968-001-20SS3AR23	27.82	968-001-20SS3AC23	27.82	-16%	968-001-20SS3AM23	27.03	-23%
#14	GS27500-14SS3N23	82.74	968-001-14SS3AR23	73.36	968-001-14SS3AC23	73.36	-11%	968-001-14SS3AM23	71.95	-15%
#12	GS27500-12SS3N23	117.68	968-001-12SS3AR23	107.48	968-001-12SS3AC23	107.48	-9%	968-001-12SS3AM23	105.74	-11%