



**Premium Single Conductor Primary Wire**

Tinned copper stranding (up to 12% more tinned copper conductors than SAE wire) for maximum protection against corrosion and electrolysis. Premium vinyl insulation that resists salt water, battery acid, oil, gasoline and ultra-violet radiation, rated at 600 volts and 105° C. Exceeds all UL 1426, US Coast Guard Charterboat (CFR Title 46) and ABYC standards.



**3% VOLTAGE DROP AT 12 VOLTS**

Length	AMPS												
	5	10	15	20	25	30	40	50	60	70	80	90	100
10'	18	14	12	10	10	8	6	6	6	6	6	4	4
15'	16	12	10	10	8	8	6	6	4	4	4	2	2
20'	14	10	10	8	6	6	6	4	4	2	2	2	2
25'	12	10	8	6	4	4	4	2	2	2	2	1	1
30'	12	10	8	6	6	6	4	4	2	2	2	1	1
40'	10	8	6	6	4	4	2	2	1	0	0	2/0	2/0
50'	10	6	6	4	4	2	2	1	0	2/0	3/0	4/0	4/0
60'	10	6	6	4	2	2	1	0	2/0	3/0	3/0	4/0	4/0
70'	8	6	4	2	2	1	0	2/0	3/0	3/0	4/0	4/0	
80'	8	6	4	2	2	1	0	2/0	3/0	4/0	4/0		
90'	8	4	2	2	1	0	2/0	3/0	4/0	4/0			
100'	6	4	2	2	1	0	2/0	3/0	4/0				

Use 3% voltage drop for any "critical application" affecting the safety of the vessel or its passengers: bilge pumps, navigation lights, electronics, etc....

**10% VOLTAGE DROP AT 12 VOLTS**

Length	AMPS												
	5	10	15	20	25	30	40	50	60	70	80	90	100
10'	18	18	18	16	16	14	14	12	12	10	10	10	10
15'	18	18	16	14	14	12	12	10	10	8	8	8	8
20'	18	16	14	14	12	12	10	10	8	8	8	6	6
25'	18	16	14	12	12	10	10	8	8	6	6	6	6
30'	18	14	12	12	10	10	8	8	6	6	6	6	4
40'	16	14	12	10	10	8	8	6	6	6	4	4	4
50'	16	12	10	10	8	8	6	6	4	4	4	2	2
60'	14	12	10	8	8	6	6	4	4	2	2	2	2
70'	14	10	8	8	6	6	6	4	2	2	2	2	1
80'	14	10	8	8	6	6	4	4	2	2	2	1	1
90'	12	10	8	6	6	6	4	2	2	2	1	1	0
100'	12	10	8	6	6	4	4	2	2	1	1	0	0

Use 10% voltage drop for any "non-critical applications": windlass, cabin lights, etc....

**100' Spools**

ORDER NO.	GAUGE	COLOR	PRICE
ANC 100010	18	Black	\$30.38
ANC 100810	18	Red	\$30.38
ANC 101910	16	Light Blue	\$39.97
ANC 102010	16	Black	\$39.97
ANC 102110	16	Dark Blue	\$39.97
ANC 102210	16	Brown	\$39.97
ANC 102310	16	Green	\$39.97
ANC 102410	16	Grey	\$39.97
ANC 102510	16	Orange	\$39.97
ANC 102610	16	Pink	\$39.97
ANC 102710	16	Purple	\$39.97
ANC 102810	16	Red	\$39.97
ANC 102910	16	White	\$39.97
ANC 103010	16	Yellow	\$39.97
ANC 103910	14	Light Blue	\$56.88
ANC 104010	14	Black	\$56.88
ANC 104110	14	Dark Blue	\$56.88
ANC 104210	14	Brown	\$56.88

ORDER NO.	GAUGE	COLOR	PRICE
ANC 104310	14	Green	\$56.88
ANC 104410	14	Grey	\$56.88
ANC 104510	14	Orange	\$56.88
ANC 104610	14	Pink	\$56.88
ANC 104710	14	Purple	\$56.88
ANC 104810	14	Red	\$56.88
ANC 104910	14	White	\$56.88
ANC 105010	14	Yellow	\$56.88
ANC 106010	12	Black	\$79.62
ANC 106310	12	Green	\$79.62
ANC 106810	12	Red	\$79.62
ANC 106910	12	White	\$79.62
ANC 107010	12	Yellow	\$79.62
ANC 108010	10	Black	\$119.65
ANC 108310	10	Green	\$119.65
ANC 108810	10	Red	\$119.65
ANC 108910	10	White	\$119.65

**IMPORTANT!** Length (feet): Determined by measuring the length of the conductor from the positive (+) power source connection to the electrical device and back to the negative (-) power source connection. Note that the power source connection may be either the battery, panel board or switchboard.

**Mini Spools**

ORDER NO.	GAUGE	COLOR	LENGTH	PRICE
ANC 184303	18	Green	18'	\$15.15
ANC 180003	18	Black	35'	\$13.95
ANC 180803	18	Red	35'	\$13.95
ANC 182003	16	Black	25'	\$14.09
ANC 182303	16	Green	25'	\$14.09
ANC 182803	16	Red	25'	\$14.09
ANC 182903	16	White	25'	\$14.09
ANC 184003	14	Black	18'	\$15.15
ANC 184303	14	Green	18'	\$15.15
ANC 184803	14	Red	18'	\$15.15
ANC 184903	14	White	18'	\$15.15
ANC 186003	12	Black	12'	\$15.15
ANC 186803	12	Red	12'	\$15.15
ANC 188003	10	Black	8'	\$15.35
ANC 188803	10	Red	8'	\$15.35
ANC 108002	10	Black	25'	\$37.68
ANC 108802	10	Red	25'	\$37.68

**Bulk Spools**

ORDER NO.	GAUGE	COLOR	LENGTH	PRICE
ANC 102050	16	Black	500'	\$157.21
ANC 102850	16	Red	500'	\$157.21
ANC 104050	14	Black	500'	\$241.74
ANC 104850	14	Red	500'	\$241.74
ANC 106040	12	Black	400'	\$287.41
ANC 106325	12	Green	250'	\$185.38
ANC 106840	12	Red	400'	\$287.41
ANC 108050	10	Black	500'	\$547.47
ANC 108325	10	Green	250'	\$276.03
ANC 108825	10	Red	250'	\$276.03
ANC 108850	10	Red	500'	\$547.47