

## Primary Wire 12-6 AWG

### 12 AWG (3 mm<sup>2</sup>)

Color	Ft	Part #
Black	12	186003
	25	106002
	100	106010
	250	106025
	400	106040
Dk Blue	1000	106099
	25	106102
	100	106110
	250	106125
	400	106140
Brown	1000	106199
	25	106202
	100	106210
	250	106225
	400	106240
Green	1000	106299
	25	106302
	100	106310
	250	106325
	400	106340
Orange	1000	106399
	25	106502
	100	106510
	250	106525
	400	106540
Pink	1000	106599
	25	106602
	100	106610
	250	106625
	400	106640
Purple	25	106702
	100	106710
	250	106725
	400	106740
	12	186803
Red	25	106802
	100	106810
	250	106825
	400	106840
	1000	106899
White	25	106902
	100	106910
	250	106925
	400	106940
	1000	106999
Yellow	25	107002
	100	107010
	250	107025
	400	107040
	1000	107099

### 10 AWG (5 mm<sup>2</sup>)

Color	Ft	Part #
Black	8	188003
	25	108002
	100	108010
	250	108025
	500	108050
Dk Blue	1000	108099
	25	108102
	100	108110
	250	108125
	500	108150
Brown	1000	108199
	25	108202
	100	108210
	250	108225
	500	108250
Green	1000	108299
	25	108302
	100	108310
	250	108325
	500	108350
Orange	1000	108399
	25	108502
	100	108510
	250	108525
	500	108550
Red	1000	108599
	8	188803
	25	108802
	100	108810
	250	108825
White	500	108850
	1000	108899
	25	108902
	100	108910
	250	108925
Yellow	500	108950
	1000	108999
	25	109002
	100	109010
	250	109025
Green w/ Yellow Stripe	500	109050
	1000	109099
	25	109302
	100	109310
	250	109325
Green w/ Yellow Stripe	500	109350
	1000	109399

### 8 AWG (8 mm<sup>2</sup>)

Color	Ft	Part #
Black	25	111002
	50	111005
	100	111010
	250	111025
	500	111050
Green	1000	111099
	25	111302
	50	111305
	100	111310
	250	111325
Red	500	111350
	1000	111399
	25	111502
	50	111505
	100	111510
White	250	111525
	500	111550
	1000	111599
	25	111702
	50	111705
Yellow	100	111710
	250	111725
	500	111750
	1000	111799
	25	111902
Yellow	50	111905
	100	111910
	250	111925
	500	111950
	1000	111999

### 6 AWG (13 mm<sup>2</sup>)

Color	Ft	Part #
Black	25	112002
	50	112005
	100	112010
	250	112025
	500	112050
Green	1000	112075
	25	112302
	50	112305
	100	112310
	250	112325
Red	500	112350
	750	112375
	25	112502
	50	112505
	100	112510
White	250	112525
	500	112550
	750	112575
	25	112702
	50	112705
Yellow	100	112710
	250	112725
	500	112750
	750	112775
	25	112902
Yellow	50	112905
	100	112910
	250	112925
	500	112950
	750	112975

### TECH tip

#### Wire Flexibility Explained

Wire flexibility is influenced by two major factors: wire strand size and jacket hardness.

**Wire strand size** has the largest impact on overall wire flexibility. As individual wire strand size decreases, wire flexibility increases. For boat cable, UL 1426 requires at least 19 individual strands for cables 16 AWG and larger. Ancor wire uses type 3 stranding which consists of individual 30 AWG (0.010") strands, regardless of the wire gauge. Ancor's 16 AWG wire consists of 26 individual strands, while the 4/0 AWG wire consists of 2,109 individual strands.

**Jacket hardness** is most commonly measured by durometer, with lower measurements reflecting a more flexible material. Ancor wire measures 7 points lower than competitive product (on a scale of 1-100), resulting in a more flexible product.