

**\*\*Note\*\* Gauge size may vary in different countries depending on the interpretation of the gauge size.**

### Typical Low Voltage Wire Sizes Guide

Air Conditioning- 10 GAUGE	Heater Switch- 10 GAUGE
Alternator- 10 GAUGE	Horn Button- 13 GAUGE
Ammeter- 10 GAUGE	Horn To Relay- 10 GAUGE
Cigarette Lighter- 14 GAUGE	Ignition Switch- 12 GAUGE
Clock- 18 GAUGE	Low-Amps Circuits- 18 GAUGE
Coil Wire- 16 GAUGE	Parking Lights- 16 GAUGE
Dome Lights- 16 GAUGE	Radio To Fuse Blocks- 14 GAUGE
Driving Lights- 14 GAUGE	Single Bulbs- 18 GAUGE
Gauges- 14 GAUGE	Starter To Relay- 16 GAUGE
Generator (Charging)- 10 GAUGE	Stoplights- 16 GAUGE
Generator To Starter- 16 GAUGE	Tail Lights- 16 GAUGE
Headlight Circuit- 14 GAUGE	Turn Signals- 16 GAUGE
Headlight Switch To Fuse Block- 12 GAUGE	CD To Fuse Block- 14 GAUGE
Heater Leads- 16 GAUGE	Windshield Wiper & Washer- 14 GAUGE

When circuit is longer than 10 feet, always use the next larger gauge size, which is the next lower even number.

### Wire Gauge Selection Table 12 Volt Circuit

AMPS	3' FT	5'	7'	10'	15'	20'	25'
0 to 5	18	18	18	18	18	18	18
6	18	18	18	18	18	18	18
7	18	18	18	18	18	18	18
8	18	18	18	18	18	16	16
10	18	18	18	18	16	16	16
11	18	18	18	18	16	16	14
12	18	18	18	18	16	16	14
15	18	18	18	18	14	14	12
18	18	18	16	16	14	14	12
20	18	18	16	16	14	12	10
22	18	18	16	16	12	12	10
24	18	18	16	16	12	12	10
30	18	16	16	14	10	10	10
40	18	16	14	12	10	10	8
50	16	14	12	12	10	10	8
100	12	12	10	10	6	6	4
150	10	10	8	8	4	4	2
200	10	8	8	6	4	4	2

### AMERICAN WIRE GAUGES

GAUGE	INCH	MM
10	0.102	2.59
12	0.081	2.05
16	0.051	1.29
18	0.040	1.02

### STANDARD WIRE GAUGES

GAUGE	INCH	MM
10	0.128	3.25
12	0.104	2.64
16	0.064	1.63
18	0.048	1.22