

Primary Wire

GPT-PVC Jacketed

Meets SAE J1128 Type GPT specifications



TEC Tip

Traditionally, 14 gauge has been the most popular size of primary wire used. However today's tractor and trailer 7-way wiring systems use 12 gauge wiring for lighting, 10 gauge wiring for the stop lamp (red) and ABS (blue) circuits and an 8 gauge wire to provide an adequate ground return. All new tractors and trailers must be equipped with these sizes of wiring to provide the necessary power to support lighting & ABS systems. To make matters worse, the SAE J1128 passenger car standard to which GPT primary wire is made, calls for up to 10% less copper than that used in heavy trucking applications.

When you're wiring using primary wire, it is important to at least match the wire sizes used in the rest of the circuits. Most wiring in newer tractors and trailers will be 12 gauge or higher.

100 Foot Spools of Primary Wire

18 Gauge

Color	Part No.	Stk. Code
Black	718-01	33153
Blue	718-02	33154
Brown	718-03	33155
Green	718-04	33156
Orange	718-044	33157
Red	718-05	33158
White	718-06	33159
Yellow	718-07	33160

16 Gauge

Color	Part No.	Stk. Code
Black	716-01	33121
Blue	716-02	33123
Brown	716-03	33124
Green	716-04	33125
Orange	716-044	33126
Red	716-05	33127
White	716-06	33128
Yellow	716-07	33129

14 Gauge

Color	Part No.	Stk. Code
Black	714-01	33077
Blue	714-02	33079
Brown	714-03	33080
Green	714-04	33082
Orange	714-044	33083
Red	714-05	33086
White	714-06	33088
Yellow	714-07	33090

12 Gauge

Color	Part No.	Stk. Code
Black	712-01	33033
Blue	712-02	33035
Brown	712-03	33037
Green	712-04	33038
Orange	712-044	33039
Red	712-05	33041
White	712-06	33043
Yellow	712-07	33045

10 Gauge

Color	Part No.	Stk. Code
Black	710-01	33009
Blue	710-02	33011
Brown	710-03	33012
Green	710-04	33013
Red	710-05	33014
White	710-06	33016
Yellow	710-07	33017

8 Gauge

Color	Part No.	Stk. Code
Black	708-01	33001
Red	708-05	33002



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1000 Foot Spools of Primary Wire

18 Gauge

Color	Part No.	Stk. Code
Black	718M-01	33230
Blue	718M-02	33240
Brown	718M-03	33175
Green	718M-04	33176
Orange	718M-044	33177
Red	718M-05	33241
White	718M-06	33178
Yellow	718M-07	33179

16 Gauge

Color	Part No.	Stk. Code
Black	716M-01	33145
Blue	716M-02	33146
Brown	716M-03	33147
Green	716M-04	33148
Orange	716M-044	33149
Red	716M-05	33150
White	716M-06	33151
Yellow	716M-07	33152

14 Gauge

Color	Part No.	Stk. Code
Black	714M-01	33108
Blue	714M-02	33109
Brown	714M-03	33110
Green	714M-04	33111
Orange	714M-044	33112
Red	714M-05	33116
White	714M-06	33227
Yellow	714M-07	33120

12 Gauge

Color	Part No.	Stk. Code
Black	712M-01	33064
Blue	712M-02	33065
Brown	712M-03	33066
Green	712M-04	33067
Orange	712M-044	33068
Red	712M-05	33069
White	712M-06	33070
Yellow	712M-07	33071

10 Gauge

Color	Part No.	Stk. Code
Black	710M-01	33025
Blue	710M-02	33026
Brown	710M-03	33027
Green	710M-04	33028
Red	710M-05	33029
White	710M-06	33031
Yellow	710M-07	33032

8 Gauge

Color	Part No.	Stk. Code
Black	708M-01	33007
Red	708M-05	33008



Bonded Parallel Wire

- Meets SAE J1128, Type GPT specifications



Part No.	Stk. Code	Pkg. Size	No. of Conductors and Gauges	Conductor Color Sequence	Nominal O.D.	No. of Strands Per Conductor
7-316F1	33203	100 ft	3 x 16	Green, Yellow, Brown	.104" x .312"	19
7-416F1	33219	100 ft	4 x 16	Green, Yellow, Brown, White	.104" x .416"	19
7-416FL	33221	1000 ft	4 x 16	Green, Yellow, Brown, White	.104" x .416"	19
7-314F1	33198	100 ft	3 x 14	Green, Yellow, Brown	.119" x .357"	19
7-414F1	33211	100 ft	4 x 14	Green, Yellow, Brown, White	.119" x .476"	19
7-414FL	33213	1000 ft	4 x 14	Green, Yellow, Brown, White	.119" x .476"	19
7-412F1	33208	100 ft	4 x 12	Green, Yellow, Brown, White	.145" x .580"	19

Jacketed Parallel Wire

- Meets SAE J1128, Type GPT specifications
- Conductors laid parallel with a gray high performance outside PVC jacket
- Clean stripping for easy use



Part No.	Stk. Code	Pkg. Size	No. of Conductors and Gauges	Conductor Color Sequence	Nominal O.D.	No. of Strands Per Conductor
7-212	33180	100 ft	2 x 12	Black, White	.225" x .365"	19
7-214	33183	100 ft	2 x 14	Black, White	.183" x .303"	19
7-216	33188	100 ft	2 x 16	Black, White	.169" x .274"	19
7-314	33195	100 ft	3 x 14	Black, Green, Red	.183" x .415"	19
7-316	33201	100 ft	3 x 16	Black, Green, Red	.170" x .380"	19
7-414	33209	100 ft	4 x 14	Black, Green, Red, White	.200" x .550"	19
7-416	33217	100 ft	4 x 16	Black, Green, Red, White	.185" x .525"	19

Extension Cable

Economy Duty

TYPE “SJTW” 300 Volt Extension Cable

Hard usage thermoplastic insulated conductors and jacket, -40°F to 221°F (-40°C to 105°C), weather resistant for outdoor use.

Part No.	Stk. Code	No. of Conductors and Gauges	Package Size	Conductor Color Sequence
73-3140	33206	3 x 14	250 ft.	Black, White, Green
73-3160	33207	3 x 16	250 ft.	Black, White, Green



Standard Duty

TYPE “SJOOW” 300 Volt Extension Cable

For use as power cord on small motors, power tools, appliances and equipment, subjected to hard usage and exposure to oil. Special weather-resistant jacket suitable for outdoor use.

Part No.	Stk. Code	No. of Conductors and Gauges	Package Size	Conductor Color Sequence
71-3120	33072	3 x 12	250 ft.	Black, White, Green
71-2140	33046	2 x 14	250 ft.	Black, White
71-3140	33073	3 x 14	250 ft.	Black, White, Green
74-2160	33223	2 x 16	250 ft.	Black, White
71-3160	33076	3 x 16	250 ft.	Black, White, Green



Premium Duty

TYPE “SOOW” 600 Volt Extension Cable

Hard service cord oil resistant jacket inner & outer, -40°F to 194°F (-40°C to 90°C), weather resistant for outdoor use.

Part No.	Stk. Code	No. of Conductors and Gauges	Package Size	Conductor Color Sequence
72-3100	33191	3 x 10	250 ft.	Black, White, Green
72-3120	33192	3 x 12	250 ft.	Black, White, Green
72-3140	33193	3 x 14	250 ft.	Black, White, Green
72-3160	33194	3 x 16	250 ft.	Black, White, Green



Extension Cable Connectors

Plug & Socket - 3 Prong, 125V, 15amp

Part No.	Stk. Code	Description	Box Qty.
71-3F	38160	Socket - 3 prong	10
71-3M	38161	Plug - 3 prong	10

