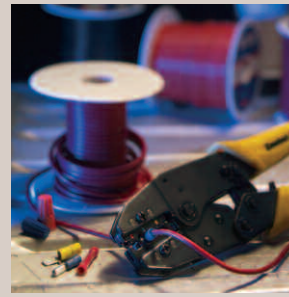


For all vehicle wiring maintenance and repairs, Grote offers a wide variety of spooled wire and cable products. These are available in all popular gauges and colors.



Primary Wire Dispenser

- A rugged, well constructed wire dispenser made of high grade steel
- Easy top-loading display eliminates re-stocking hassles
- Only 23" wide x 18" high x 12" deep
- Perfect for storing wire or used as a retail display – all in one convenient unit
- Can accommodate up to 78 spools of wire 36 (25') and 42 (100') covering 20-12 gauges
- Wire not included

00871



00871

Wire & Cable Display

- Constructed of heavy-duty steel, painted powder blue
- Can accommodate a variety of primary wire, battery cable or welding cable assortments in one display
- Steel bars can be removed to accommodate larger spools
- Mounting brackets included for mounting, safety and functionality
- Can be mounted or used as a stand alone display
- No assembly required
- Made in North America
- 27" wide x 18 1/4" tall x 6 1/4" deep; 11 lbs
- Wire not included

00870



00870



87-7000



87-7001



87-7002



87-7006



87-7007

GPT-General Purpose Thermo Plastic Wire

- Primary wire is single conductor based PVC jacketed wire
- PVC insulation resists heat up to 85°C (185°F) and provides protection from weather conditions and abrasives
- Maximum temperature rating -40°C (-40°F) to 85°C (185°F)
- Used for automotive, truck and marine applications
- Meets SAE code J1128 specifications
- Available in 25', 100' and 1000' spools
- Bulk sizes available
- Custom length wires available by special order only



6 Gauge

Color	25'	100'	1000'
Red	89-3000	87-3000	-
Black	89-3002	87-3002	-

8 Gauge

Color	25'	100'	1000'
Red	89-4000	87-4000	-
Black	89-4002	87-4002	-
White	89-4007	87-4007	-

10 Gauge

Color	25'	100'	1000'
Red	89-5000	87-5000	88-5000
Brown	89-5001	87-5001	-
Black	89-5002	87-5002	88-5002
Green	89-5006	87-5006	-
White	89-5007	87-5007	88-5007
Blue	89-5010	87-5010	-
Yellow	89-5011	87-5011	-

12 Gauge

Color	25'	100'	1000'
Red	89-6000	87-6000	88-6000
Brown	89-6001	87-6001	88-6001
Black	89-6002	87-6002	88-6002
Green	89-6006	87-6006	88-6006
White	89-6007	87-6007	88-6007
Blue	89-6010	87-6010	88-6010
Yellow	89-6011	87-6011	88-6011

Gauge	Outside Diameter	Stranding
6	.300"	7 x 19 x .014"
8	.231"	6 x .024", 13 x .031"
10	.178"	19 x .024"
12	.145"	19 x .018"
14	.113"	19 x .014"
16	.105"	19 x .011"
18	.091"	16 x .010"
20	.087"	7 x .012"



83-6512
Wire Stripper
See page 118

14 Gauge

Color	25'	100'	1000'
Red	89-7000	87-7000	88-7000
Brown	89-7001	87-7001	88-7001
Black	89-7002	87-7002	88-7002
Green	89-7006	87-7006	88-7006
White	89-7007	87-7007	88-7007
Blue	89-7010	87-7010	88-7010
Yellow	89-7011	87-7011	88-7011
Orange	89-7012	87-7012	88-7012
Purple	-	87-7013	-
Pink	-	87-7014	-



87-7010



87-7011

16 Gauge

Color	25'	100'	1000'
Red	89-8000	87-8000	88-8000
Brown	89-8001	87-8001	88-8001
Black	89-8002	87-8002	88-8002
Green	89-8006	87-8006	88-8006
White	89-8007	87-8007	88-8007
Blue	89-8010	87-8010	88-8010
Yellow	89-8011	87-8011	88-8011
Orange	89-8012	87-8012	88-8012
Purple	-	87-8013	-
Pink	-	87-8014	-



87-7012



87-7013

18 Gauge

Color	25'	100'	1000'
Red	89-9000	87-9000	88-9000
Brown	89-9001	87-9001	-
Black	89-9002	87-9002	88-9002
Green	89-9006	87-9006	-
White	89-9007	87-9007	88-9007
Blue	89-9010	87-9010	-
Yellow	89-9011	87-9011	-



87-7014

20 Gauge

Color	25'	100'	1000'
Red	-	87-2010	-
Blue	-	87-2017	-
White	-	87-2015	NEW



87-7002



Gauge	Outside Diameter	Stranding
14	.151"	19 x .014"
16	.129"	19 x .011"

Type SXL Heavy Duty Primary Wire

- SXL wire is designed to withstand harsher environments than general purpose primary wire
- SXL has an annealed copper conductor that is insulated with cross linked polyethylene base
- XLPE insulation provides a thicker jacket that resists heat up to 125°C (257°F) and provides protection from weather conditions and abrasives
- Maximum temperature rating: -45°C (-49°F) to 125°C (257°F)
- Resistant to grease, oil, gasoline and acids
- Meets all SAE code J1128 specifications

14 Gauge

Color	25'	100'	1000'
Red	-	87-0000	-
Black	-	87-0002	-

16 Gauge

Color	25'	100'	1000'
Red	-	87-2000	-
Black	-	87-2002	-



82-5514



Gauge	Overall Diameter	Stranding
14	.476"	19 x .014"
16	.464"	19 x .010"
18	.372"	16 x .010"

Parallel Bonded Wire

- GPT - General Purpose Thermo Plastic Wire
- Clear, PVC jacket insulation
- Ideal for RV, boat and utility trailers

4 Conductor

Gauge	Color	Length	Part No.
14	White, Brown, Yellow, Green	25'	82-5515
14	White, Brown, Yellow, Green	100'	82-5514
16	White, Brown, Yellow, Green	25'	NEW 82-5524
16	White, Brown, Yellow, Green	100'	NEW 82-5525
18	White, Brown, Yellow, Green	25'	NEW 82-5527
18	White, Brown, Yellow, Green	100'	NEW 82-5526



87-2018



Speaker Wire

- Positive identification with one strand tinned copper and the other bare copper
- Bonded parallel wires with clear PVC coated jacket
- Use for general audio applications in home, marine, RV, truck and automobiles

2 Conductor

Gauge	Outside	Stranding	Length	Part No.
16	.225"	26 x .010"	100'	87-2016
18	.195"	16 x .010"	100'	87-2018
20	.143"	10 x .010"	100'	87-2020

PVC Jacketed Brake Cable

- PVC jacketed wire resists grease, oil, gasoline and acids
- Used for automotive, truck and marine applications
- Maximum temperature rating -40°C (-40°F) to 85°C (185°F)
- Internal wires meet SAE J1128 specifications
- Custom lengths also available



82-5502

2 Conductor

Gauge	Strand	Overall Diameter	Color	Length	Part No.
10	19 x .023"	.246 x .432"	Yellow, Green	50'	82-5509
10	19 x .023"	.246 x .432"	Yellow, Green	100'	82-5508
10	19 x .023"	.246 x .432"	Yellow, Green	1000'	82-5507
12	19 x .017"	.206 x .348"	Black, White	50'	82-5512
12	19 x .017"	.206 x .348"	Black, White	100'	82-5511
12	19 x .017"	.206 x .348"	Black, White	1000'	82-5510
14	19 x .014"	.181 x .298"	Black, White	20'	82-5504
14	19 x .014"	.181 x .298"	Black, White	100'	82-5502
14	19 x .014"	.181 x .298"	Black, White	1000'	82-5503
16	19 x .011"	.168 x .272"	Black, White	100'	82-5500
16	19 x .011"	.168 x .272"	Black, White	1000'	82-5501

3 Conductor

Gauge	Strand	Overall Diameter	Color	Length	Part No.
14	19 x .014"	.200 x .430"	Red, Green, Black	100'	82-5520
16	19 x .011"	.170 x .380"	Red, Green, Black	100'	82-5522



Split Flex Tubing
See page 79

4 Conductor

Gauge	Strand	Overall Diameter	Color	Length	Part No.
14	19 x .014"	.200 x .550"	Red, Green, Black, White	100'	82-5521
16	19 x .011"	.185 x .525"	Red, Green, Black, White	100'	82-5519

Portable Extension Cable- Type SJ00W

- Chlorinated Polyethylene (CPE) oil resistant neoprene jacket protects from outside conditions and abrasives
- Rated at 300 Volt
- -40°C (-40°F) to 90°C (194°F)
- UL # 46194 – meets UL and CSA requirements
- Industrial equipment, heavy tools and power extension applications
- All extension cord cable is spooled



82-5907

2 Conductor

Gauge	Strand	Overall Diameter	Color	Length	Part No.
14	44 x .010"	.340"	Black, White	50'	82-5902
14	44 x .010"	.340"	Black, White	100'	82-5901

3 Conductor

Gauge	Strand	Overall Diameter	Color	Length	Part No.
14	44 x .010"	.365"	Black, White, Green	50'	82-5905
14	44 x .010"	.365"	Black, White, Green	100'	82-5904
16	26 x .010"	.330"	Black, White, Green	50'	82-5908
16	26 x .010"	.330"	Black, White, Green	100'	82-5907



Molded Connectors
82-1025

See page 53



82-5703



82-6703

Gauge	Outside Diameter	Stranding
6	.310"	7 x 19 x .0157"
4	.370"	7 x 27 x .0142"
2	.468"	19 x 16 x .0142"
1	.495"	19 x 21 x .0142"
1/0	.550"	19 x 26 x .0142"
2/0	.595"	19 x 21 x .0179"
3/0	.700"	19 x 35 x .0156"
4/0	.760"	19 x 54 x .0142"

Battery Cable - Type SGR

- 100% Copper Cable
- Chlorinated Polyethylene (CPE) Jacket rated at -40°C (-40°F) to 90°C (194°F)
- Meets all SAE code J1127 specifications
- All battery cable is spooled
- 1000'+ custom size spools also available
- Rated @ 60 Volt



6 Gauge

Color	25'	50'	100'
Black	82-5722	82-5725	82-5726
Red	82-6722	82-6725	82-6726

4 Gauge

Color	25'	50'	100'
Black	82-5714	82-5713	82-5712
Red	82-6717	82-6713	82-6712

2 Gauge

Color	25'	50'	100'
Black	82-5711	82-5710	82-5709
Red	82-6718	82-6710	82-6709

1 Gauge

Color	25'	50'	100'
Black	82-5708	82-5707	82-5706
Red	82-6719	82-6707	82-6706

1/0 Gauge

Color	25'	50'	100'
Black	82-5705	82-5704	82-5703
Red	82-6720	82-6704	82-6703

2/0 Gauge

Color	25'	50'	100'
Black	82-5702	82-5701	82-5700
Red	82-6721	82-6701	82-6700

3/0 Gauge

Color	25'	50'	100'
Black	82-5723	82-5715	82-5733
Red	82-6723	82-6715	82-6733

4/0 Gauge

Color	25'	50'	100'
Black	82-5743	82-5716	82-5753
Red	82-6743	82-6716	82-6753

Welding Cable



- Made from fine stranded copper with a water resistant thermoplastic rubber compound jacket
- Ideal product for routing cables where a tight fit/flexing is needed
- Voltage Rating: 600 Volt
- Remains flexible in colder climate
- Maximum temperature rating -50°C (-58°F) to 105°C (221°F)
- Resistant to flame, salt, chemicals, grease and abrasion
- Available as tinned copper and custom lengths as a special order

4 Gauge

Color	Outside Diameter	Stranding	Length	Part No.
Black	.376"	378 x .010"	25'	82-5724
Red	.376"	378 x .010"	25'	82-6727

2 Gauge

Color	Outside Diameter	Stranding	Length	Part No.
Black	.430"	636 x .010"	25'	82-5721
Red	.430"	636 x .010"	25'	82-6728

2/0 Gauge

Color	Outside Diameter	Stranding	Length	Part No.
Black	.600"	1254 x .010"	25'	82-5730
Red	.600"	1254 x .010"	25'	82-6730



82-5730

Heavy Duty Cable Slitter/Stripper Tool 8 - 4/0 Gauge

- Slits & strips round battery & trailer cables
- Can strip 8 GA to 4/0 GA wire, battery and trailer cables
- Self-adjusting cutting depth
- Makes a clean strip without damaging wire strands
- Blade swivels for longitudinal/spiral cuts
- Ergonomic design

83-6515



BEFORE AFTER



83-6515

9" Hand Held Cable Cutter

- Cuts cables up to 2/0 Gauge
- Ergonomic design with insulated grips
- 6 month limited warranty
- 9" long

84-9088



22" Cable Cutter

- Cuts cables 22 GA to 250 mcm (6/0 GA)
- 22" handle for easy cutting
- 1075 Carbon steel blade, hardened for long life; can be sharpened
- 6 month limited warranty
- Made in North America

84-9089

Hand Held

84-9090

Bench Mount



84-9088

84-9089

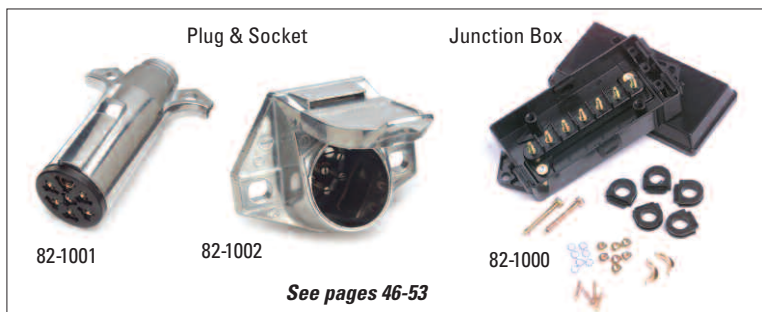


82-5606



Trailer Cable

- PVC insulation resists temperature ratings of -40°C (-40°F) to 60°C (140°F)
- Black vinyl outer jacket provides protection from weather conditions and abrasive materials
- Used for wiring trucks and trailers
- Designed for 12V and 24V systems
- To view our complete line of Trailer Plugs and Sockets please refer to pages 46-53



See pages 46-53

4 Conductor

Gauge	Outside Dia.	Stranding	Color	Length	Part No.
14	.441"	19 x .0142"	Yellow, Green, Brown, White	100'	82-5602
				500'	82-5603
14	.441"	19 x .0142"	Yellow, Green, Brown, Red	100'	82-5600
				500'	82-5601

6 Conductor

Gauge	Outside Dia.	Stranding	Color	Length	Part No.
14	.591"	19 x .0142"	Yellow, Green, Brown, White, Red, Black	100'	82-5604
				500'	82-5605
16	.440"	29 x .011"	Yellow, Green, Brown, White, Red, Black	100'	82-5623
				500'	82-5620

NEW

7 Conductor

Gauge	Outside Dia.	Stranding	Color	Length	Part No.
14	.535"	19 x .0142"	Yellow, Green, Brown, White, Red, Black, Blue	50'	82-5610
				100'	82-5609
				NEW 250'	82-5619
				500'	82-5614
6/14, 1/12	.543"	41 x .010", 65 x .010"	Yellow, Green, Brown, White, Red, Black, Blue	50'	82-5612
				100'	82-5611
				500'	82-5615
6/12, 1/10	.685"	19 x .017", 19 x .023"	Yellow, Green, Brown, White, Red, Black, Blue	100'	82-5606
				500'	82-5607

NEW



82-5622

ABS

Gauge	Outside Dia.	Stranding	Color	Length	Part No.
4/12, 2/10	.685"	24 x .010", 19 x .023", 19 x .017"	Yellow, Green, Brown, White, Red, Black, Blue	50'	82-5622
1/8				100'	82-5621

DETERMINING WIRE AND CABLE GAUGE SIZE BY CIRCUIT AMPS AND LENGTH													
Total Circuit Amps	Wire Gauge for Length in Feet (Total circuit length)												
	12V	3'	5'	7'	10'	15'	20'	25'	30'	40'	50'	75'	100'
1	18	18	18	18	18	18	18	18	18	18	18	18	18
3	18	18	18	18	18	18	18	18	18	18	18	14	14
5	18	18	18	18	18	18	18	18	18	16	14	12	12
7	18	18	18	18	18	18	18	16	16	14	14	10	10
10	18	18	18	18	18	16	16	16	14	12	12	10	10
15	18	18	18	18	18	14	14	12	12	12	10	8	8
20	16	16	16	16	16	14	12	10	10	10	10	8	6
24	14	14	14	14	14	12	12	10	10	10	8	6	6
30	12	12	12	12	12	10	10	10	10	10	6	4	4
40	10	10	10	10	10	10	10	8	8	6	6	4	2
50	8	8	8	8	8	8	8	8	8	6	6	2	2
100	4	4	4	4	4	4	4	4	4	4	2	1	1/0
150	2	2	2	2	2	2	2	2	2	2	1	2/0	2/0
200	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	1/0	4/0	4/0

HOW TO MATCH CABLE & EQUIPMENT	
TYPE OF EQUIPMENT	TYPICAL WIRE GA.
Garden Tractor	8, 6, 4
Compact Car, RV	6, 4
Standard Car	4, 2
Full-size Car, Van	2, 1
Tractor, Light Truck, Construction	1/0
HD Tractor, Truck, Bus, Construction	2/0, 3/0
Extra Heavy Duty	4/0, 250 MCM

Metric and AWG wire size																
Metric values are expressed as a range and vary by country																
mm ²	0.35	0.50	0.75	1	2	3	4-5	6-8	9-13	14-21	22-35	36-42	43-53	54-68	69-86	87-107
AWG	22	20	18	16	14	12	10	8	6	4	2	1	1/0	2/0	3/0	4/0



RoHS Compliance

The RoHS Directive stands for "the restriction of the use of certain hazardous substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.