International Wire Cable Services

Wired for success

Reliable supplier for your bus bar wire, braids, grounding wire and more

Great Customer Experience

- Easy online ordering using credit card
- Search and compare products online
- Fixed pricing available online
- No MOQ requirements
- Wide variety of packages
- Value-added services

Exceptional Service

- Dedicated team supporting all inquiries
- Call us for special and custom orders
- Access to order status and history through your Account
- Credit terms available
- Stocking program

Engineering Support

- Engineering consultation on product selection
- Custom design to a customer's drawing
- New product development
- Broad Wire & Cable Industry knowledge and expertise

Fast Delivery

- Access to real-time stock availability
- Same/Next day shipping on stock orders
- 1-2 weeks lead time for production orders
- Shipping across the US
- Shipping cost provided at checkout

Guaranteed Quality

- ISO9001:2015
- Manufacturer-Direct: we control the whole process – from production to shipping wire to our customers
- Certificates of compliance available

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Copper Conductors - Bare and Tinned

Bare Copper Wire

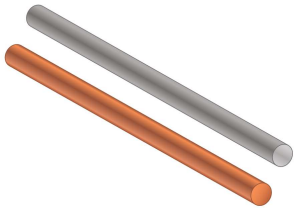
Bare Copper Wire is an uninsulated and unshielded conductor. Bare Copper is the most common type of copper wire generally used for grounding in commercial, industrial and residential applications, it is also known as grounding wire. Bare Copper Wire can be found in everything from overhead electrical systems to components in large cables, comprised of multiple conductors.

Tinned Copper Wire

Tin-Dipped or Tin-Plated Copper Wire is copper conductor coated with a thin layer of tin to protect the copper from corrosion, that would decrease the wire's performance in humid or rainy climates, high-heat environment and in certain types of soil. Tinned Copper Wire can last much longer than Bare Copper Wire. Tinned Copper Wire is used in various types of cables, industrial machines, heaters, high-temperature instruments, in ground electrical systems and as Bus Bar Wire to distribute power from a centralized bus bar to outlying equipment.

Wire Constructions available online

We manufacture a wide variety of constructions of Copper Wire, many of them available online. Didn't find what you were looking for? Call or email us for special request!



Solid Wire (Single End) - one strand of wire, drawn to gauge from a single solid copper rod. Bare Copper and Tin Plated Copper wire available online.

Wire Braid - comprised of several carriers wound together, each carrier might consist of several parallel or bunched single end wires.
Tubular Braids fabricated from Tin Plated Copper and Nickel Plated Copper available online.
Flat Braids fabricated from Tin Plated Copper available online.

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Bare Copper Wire

Application:

Bare Copper Wire is an uninsulated and unshielded conductor. Bare Copper is the most common type of copper wire generally used for grounding in commercial, industrial and residential applications, it is also known as the grounding wire. Bare Copper Wire can be found in everything from overhead electrical systems to components in large cables, comprised of multiple conductors.

Product Details:

- 6-28 AWG available online
- Solid soft drawn and annealed Bare Copper Wire
- ASTM B-3 compliant

Packaging:

- 100', 250', 500', 1000' spools available online
- 1 lbs, 5 lbs, 10 lbs, 50 lbs spools available online
- Cut to length - sold by the foot wire available online
- Special package available upon request

Special Services:

- Cutting wire to length
- Re-spooling
- Bobbin winding
- Custom labeling
- Wire twisting
- Cable and harness over braiding and shielding
- Engineering and technical support
- Stocking program
- Certificate of compliance

ISO 9001:2015 · MADE IN USA · RoHS compliant

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Solid Bare Copper Wire

Part Number	Product Description	AWG	Coating	Nominal Diameter Inches	Area, circular mils	Approximate Weight, Lbs/1000 Ft	Break Strength, lbs.	Elongation in 10", % minimun	Nominal Resistance Ohms per 1,000 Ft @ 20° C
SBC-2	2 awg, Solid Bare Copper Wire	2	Bare	0.2576	66,360	200.86	1928.0	30	0.16
SBC-4	4 awg, Solid Bare Copper Wire	4	Bare	0.2043	41,740	126.34	1213.0	30	0.25
SBC-6	6 awg, Solid Bare Copper Wire	6	Bare	0.1620	26,240	79.44	762.6	30	0.40
SBC-8	8 awg, Solid Bare Copper Wire	8	Bare	0.1285	16,510	49.98	479.8	30	0.63
SBC-10	10 awg, Solid Bare Copper Wire	10	Bare	0.1019	10,380	31.43	314.0	25	1.00
SBC-12	12 awg, Solid Bare Copper Wire	12	Bare	0.0808	6,530	19.77	180.0	25	1.59
SBC-14	14 awg, Solid Bare Copper Wire	14	Bare	0.0641	4,110	12.43	113.0	25	2.53
SBC-16	16 awg, Solid Bare Copper Wire	16	Bare	0.0508	2,580	7.82	71.0	25	4.02
SBC-18	18 awg, Solid Bare Copper Wire	18	Bare	0.0403	1,620	4.92	45.0	25	6.39

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Solid Bare Copper Wire

Part Number	Product Description	AWG	Coating	Nominal Diameter Inches	Area, circular mils	Approximate Weight, Lbs/1000 Ft	Break Strength, lbs.	Elongation in 10", % minimun	Nominal Resistance Ohms per 1,000 Ft @ 20° C
SBC-20	20 awg, Solid Bare Copper Wire	20	Bare	0.0320	1,020	3.09	28.0	25	10.15
SBC-22	22 awg, Solid Bare Copper Wire	22	Bare	0.0254	640	1.95	18.0	25	16.14
SBC-24	24 awg, Solid Bare Copper Wire	24	Bare	0.0201	404	1.22	11.0	20	25.67
SBC-26	26 awg, Solid Bare Copper Wire	26	Bare	0.0159	253	0.77	7.0	20	40.81
SBC-28	28 awg, Solid Bare Copper Wire	28	Bare	0.0126	159	0.48	4.4	20	64.90
SBC-30	30 awg, Solid Bare Copper Wire	30	Bare	0.0100	100	0.30	2.9	15	103.20
SBC-32	32 awg, Solid Bare Copper Wire	32	Bare	0.0080	64	0.19	1.7	15	164.10
SBC-34	34 awg, Solid Bare Copper Wire	34	Bare	0.0063	40	0.12	1.1	15	260.90
SBC-36	36 awg, Solid Bare Copper Wire	36	Bare	0.0050	25	0.08	0.69	15	414.80

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Tinned Copper Wire

Application:

Tin Dipped or Tin Plated Copper Wire is copper conductor coated with a thin layer of tin to protect the copper from corrosion, that would decrease the wire's performance in humid or rainy climates, high-heat environment and in certain types of soil. Tinned Copper Wire can last much longer than Bare Copper Wire. Tinned Copper Wire is used in various types of cables, industrial machines, heaters, high-temperature instruments, in ground electrical systems and as Bus Bar Wire to distribute power from a centralized bus bar to outlying equipment.

Product Details:

- 6-28 AWG available online
- Solid soft drawn and annealed Tinned Copper Wire
- ASTM B-33 compliant

Packaging:

- 100', 250', 500', 1000' spools available online
- 1 lbs, 5 lbs, 10 lbs, 50 lbs spools available online
- Cut to length - sold by the foot wire available online
- Special package available upon request

Special Services:

- Cutting wire to length
- Re-spooling
- Bobbin winding
- Custom labeling
- Wire twisting
- Cable and harness over braiding and shielding
- Engineering and technical support
- Stocking program
- Certificate of compliance

ISO 9001:2015

MADE IN USA

RoHS compliant

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Solid Tinned Copper Wire

Part Number	Product Description	AWG	Coating	Nominal Diameter Inches	Area, circular mils	Approximate Weight, Lbs/1000 Ft	Break Strength, lbs.	Elongation in 10", % minimun	Nominal Resistance Ohms per 1,000 Ft @ 20° C
STC-4	4 awg, Solid Tinned Copper Wire	4	Tin Plated	0.2043	41,740	126.34	1213.0	25	0.26
STC-6	6 awg, Solid Tinned Copper Wire	6	Tin Plated	0.1620	26,240	79.44	721.0	25	0.41
STC-8	8 awg, Solid Tinned Copper Wire	8	Tin Plated	0.1285	16,510	49.98	454.0	25	0.65
STC-10	10 awg, Solid Tinned Copper Wire	10	Tin Plated	0.1019	10,380	31.43	285.0	20	1.04
STC-12	12 awg, Solid Tinned Copper Wire	12	Tin Plated	0.0808	6,530	19.77	180.0	20	1.65
STC-14	14 awg, Solid Tinned Copper Wire	14	Tin Plated	0.0641	4,110	12.43	113.0	20	2.63
STC-16	16 awg, Solid Tinned Copper Wire	16	Tin Plated	0.0508	2,580	7.82	71.0	20	4.18
STC-18	18 awg, Solid Tinned Copper Wire	18	Tin Plated	0.0403	1,620	4.92	45.0	20	6.65
STC-20	20 awg, Solid Tinned Copper Wire	20	Tin Plated	0.0320	1,020	3.09	28.0	20	10.58

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Solid Tinned Copper Wire

Part Number	Product Description	AWG	Coating	Nominal Diameter Inches	Area, circular mils	Approximate Weight, Lbs/1000 Ft	Break Strength, lbs.	Elongation in 10", % minimun	Nominal Resistance Ohms per 1,000 Ft @ 20° C
STC-22	22 awg, Solid Tinned Copper Wire	22	Tin Plated	0.0254	640	1.95	18.0	20	16.82
STC-24	24 awg, Solid Tinned Copper Wire	24	Tin Plated	0.0201	404	1.22	11.0	15	26.76
STC-26	26 awg, Solid Tinned Copper Wire	26	Tin Plated	0.0159	253	0.77	7.00	15	43.47
STC-28	28 awg, Solid Tinned Copper Wire	28	Tin Plated	0.0126	159	0.48	4.40	15	69.13
STC-30	30 awg, Solid Tinned Copper Wire	30	Tin Plated	0.0100	100	0.30	2.90	10	111.10
STC-32	32 awg, Solid Tinned Copper Wire	32	Tin Plated	0.0080	64	0.19	1.70	10	176.70
STC-34	34 awg, Solid Tinned Copper Wire	34	Tin Plated	0.0063	40	0.12	1.10	10	281.10
STC-36	36 awg, Solid Tinned Copper Wire	36	Tin Plated	0.0050	25	0.08	.69	10	447.10

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Tinned Copper Tubular Braids

Application:

Tubular Braid has round configuration, it is braided with a specific number of ends (wires) to the specified nominal inside diameter (ID). Tubular Braids create a flexible construction and come in an assortment of materials, like bare copper, tinned copper, stainless steel, silver-plated copper, nickel-plated copper. Tinned Copper Tubular Braids provide good conductivity, resistance to corrosion, and are easy to solder. In general Tubular Braids are used in cabling applications for shielding/mechanical protection and as a protection against EMI (Electro-Magnetic Interference).

Product Details:

- Variety of constructions made with 30 AWG and 36 AWG wire available online
- Solid soft drawn and annealed Tinned Copper Wire
- Individual ends are ASTM B-33 compliant

Packaging:

- 10’ coils and 50’, 100’, 250', 500', 1000’ spools available online for most sizes.
- Cut to length - sold by the foot
- Special package available upon request

Special Services:

- Cutting wire to length
- Re-spooling
- Bobbin winding
- Custom labeling
- Wire twisting
- Cable and harness over braiding and shielding
- Engineering and technical support
- Stocking program
- Certificate of compliance

ISO 9001:2015 · MADE IN USA · RoHS compliant

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Tinned Copper Tubular Braid

Part Number	Product Description	Construction	AWG of Individual Ends	No. of Carriers	No. of Wires per Carrier	Total No. of Wires	Approx. AWG Equivalent	Nom. Circular Mills	Approximate Weight, Lbs/1000 Ft
166	Tinned Copper Tubular Braid, 1/8" Diameter	24x5/36	36	24	5	120	15	3,000	13
171	Tinned Copper Tubular Braid, 1/4" Diameter	24x16/36	36	24	16	384	10	9,600	38
172	Tinned Copper Tubular Braid, 3/8" Diameter	48x8/36	36	48	8	384	10	9,600	40
174	Tinned Copper Tubular Braid, 1/2" Diameter	48x11/36	36	48	11	528	9	13,200	53
176	Tinned Copper Tubular Braid, 25/32" Diameter	48X16/36	36	48	18	864	7	21,600	79
178	Tinned Copper Tubular Braid, 1" Diameter	48x8/30	30	48	8	384	4	38,600	140
182	Tinned Copper Tubular Braid, 1-1/2" Diameter	48x12/30	30	48	12	576	3	57,890	200
183	Tinned Copper Tubular Braid, 2" Diameter	48x14/30	30	48	14	672	2	67,540	230

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Tinned Copper Flat Braids

Application:

Flat Braid is braided with a specific number of ends (wires) to the specified width and thickness, initially it has round configuration, then it is flattened by a pressure roller. Flat Braids create a flexible construction and come in assortment of materials, like bare copper, tinned copper, stainless steel, silver-plated copper, nickel-plated copper. Tinned Copper Flat Braids provide good conductivity, resistance to corrosion, and are easy to solder. In general Flat Braids are used for flexible connections, electrical leads and grounding (ground strap).

Product Details:

- Variety of constructions made with 30 AWG and 36 AWG wire available online
- Solid soft drawn and annealed Tinned Copper Wire
- Individual ends are ASTM B-33 compliant

Packaging:

- 10’ coils and 50’, 100’, 250', 500', 1000’ spools available online for most sizes.
- Cut to length - sold by the foot
- Special package available upon request

Special Services:

- Cutting wire to length
- Re-spooling
- Bobbin winding
- Custom labeling
- Wire twisting
- Cable and harness over braiding and shielding
- Engineering and technical support
- Stocking program
- Certificate of compliance

ISO 9001:2015 MADE IN USA RoHS compliant

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Tinned Copper Flat Braid

Part No.	Product Description	Nominal Flat Width	Construction	Nominal Thickness	AWG of Individual Ends	No. of Carriers	No. of Wires per Carrier	Total No. of Wires	Approx. AWG Equivalent	Nom. Circular Mills	Approximate Weight, Lbs/1000 Ft
229	Tinned Copper Flat Braid, 1/8" Width	1/8"	24x3/36	.020"	36	24	3	72	18	1,800	9
231	Tinned Copper Flat Braid, 1/4" Width	1/4"	24x7/36	.030"	36	24	7	168	14	4,200	17
232	Tinned Copper Flat Braid, 3/8" Width	3/8"	48x6/36	.030"	36	48	6	288	12	7,200	28
233	Tinned Copper Flat Braid, 5/8" Width	5/8"	48x8/36	.030"	36	48	8	384	10	9,600	40
233/2	Tinned Copper Flat Braid, 1/2" Width	1/2"	48x8/36	.030"	36	48	8	384	10	9,600	39
234	Tinned Copper Flat Braid, 3/4" Width	3/4"	48x18/36	.040"	36	48	18	864	7	20,800	79
235	Tinned Copper Flat Braid, 1" Width	1"	48x18/36	.045"	36	48	18	864	7	20,800	75
264	Tinned Copper Flat Braid, 1" Width	1"	48x8/30	.070"	30	48	8	384	4	38,400	137

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Stainless Steel Tubular Braids

Application:

Tubular Braid has round configuration, it is braided with a specific number of ends (wires) to the specified nominal inside diameter (ID). Tubular Braids create a flexible construction and come in an assortment of materials, like bare copper, tinned copper, stainless steel, silver-plated copper, nickel-plated copper. Stainless Steel Tubular Braids provide good performance at extreme temperature, they are durable and flexible. In general Tubular Braids are used in cabling applications for shielding/mechanical protection and as a protection against EMI (Electro-Magnetic Interference).

Product Details:

- Variety of constructions made with 30 AWG and 36 AWG wire available online
- Type 304 (non-magnetic) stainless steel wire braids available online.
- Type 430 (magnetic), Type 316 and Type 321 stainless steel wire braids available upon request.

Packaging:

- 10’ coils and 50’, 100’, 250', 500', 1000’ spools available online for most sizes.
- Cut to length - sold by the foot
- Special package available upon request

Special Services:

- Cutting wire to length
- Re-spooling
- Bobbin winding
- Custom labeling
- Wire twisting
- Cable and harness over braiding and shielding
- Engineering and technical support
- Stocking program
- Certificate of compliance

ISO 9001:2015 · MADE IN USA · RoHS compliant

Visit our online store at
www.internationalwire.com

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030

International Wire Cable Services

Wired for success

Stainless Steel Tubular Braid

Part No.	Product Description	Nominal I.D.	Construc-tion	AWG of Individual Ends	No. of Carriers	No. of Wires per Carrier	Total No. of Wires	Approx. AWG Equivalent	Nom. Circular Mills	Approximate Weight, Lbs/1000 Ft
166SS	Stainless Steel Tubular Braid, 1/8" Diameter	1/8"	24x5/36	36	24	5	120	15	3,000	12
171SS	Stainless Steel Tubular Braid, 1/4" Diameter	1/4"	24X16/36	36	24	16	384	10	9,600	34
172SS	Stainless Steel Tubular Braid, 3/8" Diameter	3/8"	48X8/36	36	48	8	384	10	9,600	36
174SS	Stainless Steel Tubular Braid, 1/2" Diameter	1/2"	48X11/36	36	48	11	528	9	13,200	48
176SS	Stainless Steel Tubular Braid, 25/32" Diameter	25/32"	48X18/36	36	48	18	864	7	21,600	71
178SS	Stainless Steel Tubular Braid, 1" Diameter	1"	48X8/30	30	48	8	384	4	38,600	126
182SS	Stainless Steel Tubular Braid, 1-1/2" Diameter	1-1/2"	48X12/30	30	48	12	576	3	57,890	180
183SS	Stainless Steel Tubular Braid, 2" Diameter	2"	48X14/30	30	48	14	672	2	67,540	207

Sales Office:
43A Route 12 South
Sherburne, NY 13460
United States
1-607-674-2030