

ANY Electronics

**MANUFACTURERS & EXPORTER OF
COPPER BRAID**



We as Amiable are the Manufacturer for Copper Braids and Copper Flexible Connectors and Laminated Copper Flexible Connectors

Our Firm Any Electronics, is well established organization in China and overseas market and Manufactures and Export the following products :

01)Copper Braided & Laminated Connectors

02)Exothermic Weld Powder & Graphite Molds

03)Brass Parts Components, Accessories and Fittings

As one of China's most respected corporations, we have earned good reputation amongst our customers with Quality Assurance, On time delivery and High Customer Satisfaction. To ensure consistent product quality, we work with in a quality system:

ISO 9001-2008 certification

ISO 14001 certification

ISO 18001 certification

GMP Standard

CE Compliance

ROHS Compliance

Our Exothermic Weld Powder meets IEEE 837-2002 Standard & Certified by CPRI-Govt. for Short Circuit Current Testing and we are Crisil Verified Company. Strict quality checks are carried out at different stages of manufacturing and only that material which passes stringent norms finds its way in the market around the Globe.

Any kind of special products made from Brass, Copper, Gunmetal, Bronze, Cast Iron, Malleable Iron & PVC can be developed, manufactured and supplied exactly as per customer specifications.

Our customer bases are distributors, wholesalers, electrical contractors and installers, maintenance people, government bodies, equipment manufacturers etc...

We always believe in the power of our brands in doing the right thing.

“We understands our Customers Values”

We are the Manufacturer and Supplier of Copper Braid. Our most economical standard copper braid are made from 0.20 diameter wire and are braided into a tube followed by a rolling process to flatten them. They are used as earthing straps and are also used in numerous electrical components. All types can be supplied in non rolled form, as multiple tubes and for screening. It is highly copper flexible pressed, Bare, Tin & Silver Coated. Flat Braid is mainly used for Earthing Connection & terminals etc.

COPPER BRAID

Copper Braided Wire / Copper Braid Strips

We manufacture Copper Braided Wire in high grade Copper Quality.

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper, Tinned Plated & Silver Plating

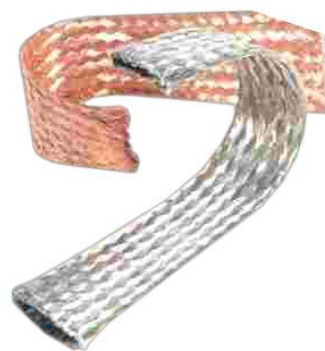
Wire Sizes Offer - From Swg 30 to Swg 45. Standard is 36 Gauge (0.2mm)

Cross Sectional Area Range: From 2 Sqmm and Above



We Manufacture the Following Basic Sizes for Copper Braid:

Dimensions Width X Thick	Cross Section sq. mm	Appx. Weight per 100 Meters*	Current Rating Amps*	Product Code Sr. No.
4 X 1	2.00	2.00	25	CBS -0410
6 X 1	3.60	3.60	36	CBS -0610
8 X 1	5.00	5.00	47	CBS -0810
10 X 1	6.10	6.10	55	CBS -1010
10 X 2	9.80	9.80	83	CBS -1020
12 X 1	7.00	7.00	62	CBS -1210
12 x 1.5	8.40	8.00	40	CBS -1215
12 x 3	16.80	17.00	105	CBS -1230
19 x 1.5	12.10	12.00	63	CBS -1915
19 x 3	22.40	22.50	145	CBS -1930
25 x 1.5	19.60	20.00	85	CBS -2515
25 x 3	36.50	35.00	200	CBS -2530
25 x 6	73.00	72.50	400	CBS -2560
32 x 1.5	36.50	38.00	120	CBS -3215
32 x 3	42.10	42.00	240	CBS -3230
32 x 6	81.40	80.00	400	CBS -3260
38 x 3	53.30	52.50	300	CBS -3830
38 x 6	80.00	85.00	500	CBS -3860
50 x 3	70.20	70.00	400	CBS -5030
50 x 6	109.50	110.00	800	CBS -5060
50 x 12	280.00	275.00	1500	CBS -5012
75 x 6	140.40	140.00	1000	CBS -7560
90 x 12	240.00	330.00	40	CBS -9012



The Copper Braids are usually made in

-36 Gauge SWG (0.02927 Sqmm per Wire i.e 0.193 wire diameter)- Standard

-39 Gauge SWG (0.0137 Sqmm per Wire i.e 0.132 wire diameter)

-42 Gauge SWG (0.008107per Wire i.e 0.102 wire diameter)

More the Gauge SWG - More will be Flexibility

***Above are the Standard Size for the ready reference. Copper Braids in any other sizes can be manufactured and supply

P.N-Current rating measured at 35°C room temperature and max. permitted Conductor Temp of 70°C, Since several influencing factors generally apply, the value specified for current rating must be considered as non-binding guideline values.

We offer a wide choice of Copper Braid types(flat, round, rope and layered), strand sizes, finishes, termination options(crimped, pressed and swaged), insulation and identification, Our highly flexible earthing connectors and earth leads are commonly used in switchgear, building services and a wide range of industries. We offer competitive pricing and ex-stock or short lead time deliveries.

These can be made from electrolytic copper Cu-ETP(grade C101) or from oxygen free copper

Even though many of our products are standard items,we also make special tailor made products made exactly to the requirements of our customers.

We use the finest quality material of Copper Braid to ensure consistency of quality and performance, drawing on our supplier's decades of experience in drawing, stranding and braiding, as well as surface treatment.

Copper Braid Construction

The construction of Copper braid is usually written as:

48 / 30 / 0.15, where:

48 = the number of carriers

30 = the number of wires per carrier

0.15 = the diameter of each wire in mm

The cross sectional area(CSA) of a copper braid can be calculated from this information:

(Carriers X wires per carries X wire diameter² X 3.142)/ 4

So, for a copper braid with the specification: 48 / 30 / 0.15, this would be:

$48 \times 30 \times 0.15^2 \times 3.142 / 4 = 101.80$

= 25.45 mm

Oxygen Free Copper Braided

Oxygen-free high thermal conductivity (OFHC) copper is widely used in cryogenics. OFHC is produced by the direct conversion of selected refined cathodes and castings under carefully controlled conditions to prevent contamination of the pure oxygen-free metal during processing. The method of producing OFHC copper insures extra high grade of metal with a copper content of 99.99%.

With so small a content of extraneous elements, the inherent properties of elemental copper are brought forth to a high degree. Characteristics are high ductility, high electrical and thermal conductivity, high impact strength, good creep resistance, ease of welding, and low relative volatility under high vacuum. We supply a range of oxygen free copper for use in scientific, industrial and medical processes.

- Copper alloy 10100 oxygen free copper, also known in Europe as Cu-OF or CW008A to EN13601.
- Composition: Copper 99.99%, Trillium 0.0001 %
- Hardness: B30 - 40
- Conductivity: 101 %
- Tensile strength: 25 40 Ksi

Copper Braided Sleeve (EXPANDABLES)

Copper Material: Electrolytic Copper

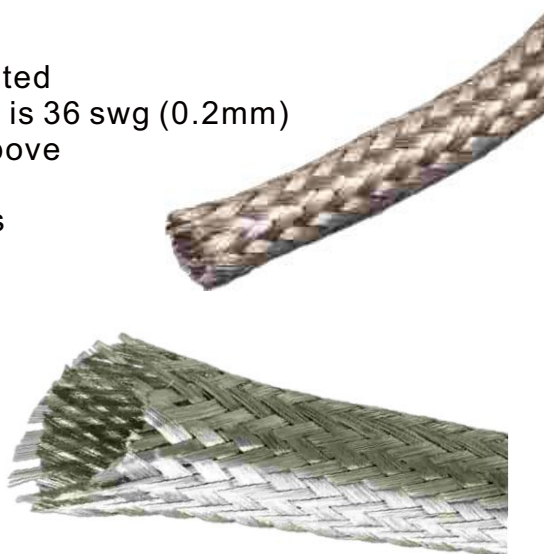
Finish Offers: Bare Copper, Tinned Plated, Silver Plated

Wire Sizes Offer - From 30 swg to 45 swg. Standard is 36 swg (0.2mm)

Cross Sectional Area Range: From 1.5 Sqmm and Above

We Manufacture the below Copper Braided Sleeves

Former OD mm	Coverage %	Usable Max	OD (mm) Min	Item Code Sr.No.
3	80 -90	5	2	CSB - 0300
4	80 -90	6	3	CSB - 0400
5	80 -90	8	4	CSB - 0500
6	80 -90	12	5	CSB - 0600
8	80 -90	14	6	CSB - 0800
10	80 -90	16	8	CSB - 1000
12	80 -90	18	10	CSB - 1200



***Above are the Standard Size for the ready reference. Copper Braids in any other sizes can be Manufactured and supply

MANUFACTURERS & EXPORTER OF FLEXIBLE COPPER BRAID SROPE



Flexible Copper Braids Wire Rope / Copper Braids Rope
 We manufacture Flexible Copper Braided Rope in high grade Copper Quality.
 Copper Material: Electrolytic Copper
 Finish Offers: Bare Copper, Tinned Plated & Silver Plating
 Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)
 Cross Sectional Area Range: From 1.5 Sqmm and Above

We Manufacture the Following Basic Sizes for Copper Braided Ropes:

Diameter In mm	Cross Section Sq. mm	Appx. Wgt Per 100 Mtr.	Amp. Approx	Product Code
2	1. 70	1. 700	23	CBR - 02
3	4. 20	4. 200	41	CBR - 03
4	7. 30	7. 300	64	CBR - 04
5	11. 60	11. 600	95	CBR - 05
6	16. 70	16. 700	122	CBR - 06
7	21. 50	21. 500	140	CBR - 07
8	27. 40	27. 400	160	CBR - 08
9	37. 20	37. 200	203	CBR - 09
10	39. 50	39. 500	213	CBR - 10
12	51. 70	51. 700	256	CBR - 12
15	75. 00	75. 000	305	CBR - 15
16	82. 20	82.000	334	CBR - 16
18	100. 50	100. 500	374	CBR - 18
20	121. 00	120. 000	424	CBR - 20



Copper Wire Stranded Braided Rope

We also manufacture Copper Wire Stranded Braided Ropes.

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper, Tinned Plated, Silver Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)

Cross Sectional Area Range: From 1.5 Sqmm and Above

We Manufacture the Following Basic Sizes for Flexible Copper Braids Ropes:

Diameter In mm	Cross Section Sq. mm	Appx. Wgt Per 100 Mtr.	Amp. Approx	Product Code
2	1.80	1.800	23	CB SR -02
3	4.10	4.100	41	CB SR -03
4	6.50	6.500	64	CB SR -04
5	10.6	10.600	95	CB SR -05
6	14.70	14.700	122	CB SR -06
8	24.60	24.600	160	CB SR -08
9	30.70	30.700	203	CB SR -09
10	42.90	42.900	213	CB SR -10
12	60.30	60.300	256	CB SR -12
16	120.80	120.800	334	CB SR -16
18	150.80	150.800	374	CB SR -18
20	181.30	181.300	424	CB SR -20



MANUFACTURERS & EXPORTER OF COPPER BRAID BOND

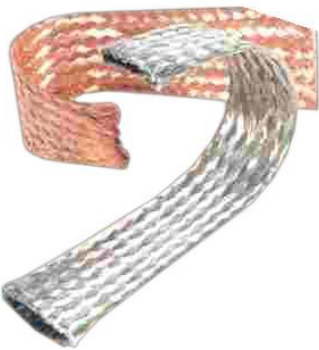


COPPER BRAID BOND

Copper Braided Wire / Copper Braid Strips
 We manufacture Copper Braided Wire in high grade Copper Quality.
 Copper Material: Electrolytic Copper
 Finish Offers: Bare Copper, Tinned Plated & Silver Plating
 Wire Sizes Offer – From Swg 30 to Swg 45. Standard is 36 Gauge (0.2mm)
 Cross Sectional Area Range: From 2 Sqmm and Above

We Manufacture the Following Basic Sizes for Copper Braid Bond:

Dimensions Width X Thick	Cross Section sq. mm	Appx.Weight per 100 Meters*	Current Rating Amps*	Product Code Sr. No.
4 X 1	2	2	25	CBS -0410
6 X 1	3.6	3.6	36	CBS -0610
8 X 1	5	5	47	CBS -0810
10 X 1	6.1	6.1	55	CBS -1010
10 X 2	9.8	9.8	83	CBS -1020
12 X 1	7	7	62	CBS -1210
12 x 1.5	8.40	8	40	CBS -1215
12 x 3	16.80	17	105	CBS -1230
19 x 1.5	12.10	12	63	CBS -1915
19 x 3	22.40	22.5	145	CBS -1930
25 x 1.5	19.60	20	85	CBS -2515
25 x 3	36.50	35	200	CBS -2530
25 x 6	73.00	72.5	400	CBS -2560
32 x 1.5	36.50	38	120	CBS -3215
32 x 3	42.10	42	240	CBS -3230
32 x 6	81.40	80	400	CBS -3260
38 x 3	53.30	52.0	300	CBS -3830
38 x 6	80.00	85	500	CBS -3860
50 x 3	70.20	70	400	CBS -5030
50 x 6	109.50	110	800	CBS -5060
50 x 12	280.00	275	1500	CBS -5012
75 x 6	140.40	140	1000	CBS -7560
90 x 12	240.00	330	40	CBS -9012



The Copper Braids are usually made in
 - 36 Gauge SWG (0.02927 Sqmm per Wire i.e 0.193 wire diameter) - Standard
 - 39 Gauge SWG (0.0137 Sqmm per Wire i.e 0.132 wire diameter)
 - 42 Gauge SWG (0.008107per Wire i.e 0.102 wire diameter)
 More the Gauge SWG – More will be Flexibility

***Above are the Standard Size for the ready reference. Copper Braid Bond in any other sizes can be manufactured and supply
 P.N-Current rating measured at 35°C room temperature and max. permitted Conductor Temp of 70°C, Since several influencing factors generally apply, the value specified for current rating must be considered as non-binding guideline values.

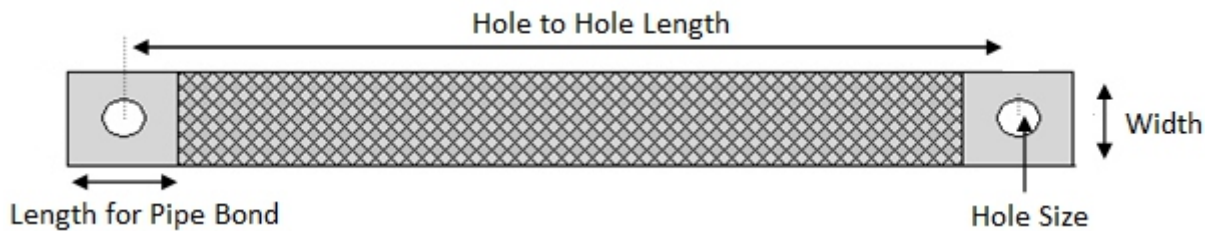
Copper Braided Bond with Pipe Fittings

We manufacture Copper Braid Bond also called as Copper Flexible Connector.

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper & Tinned Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)



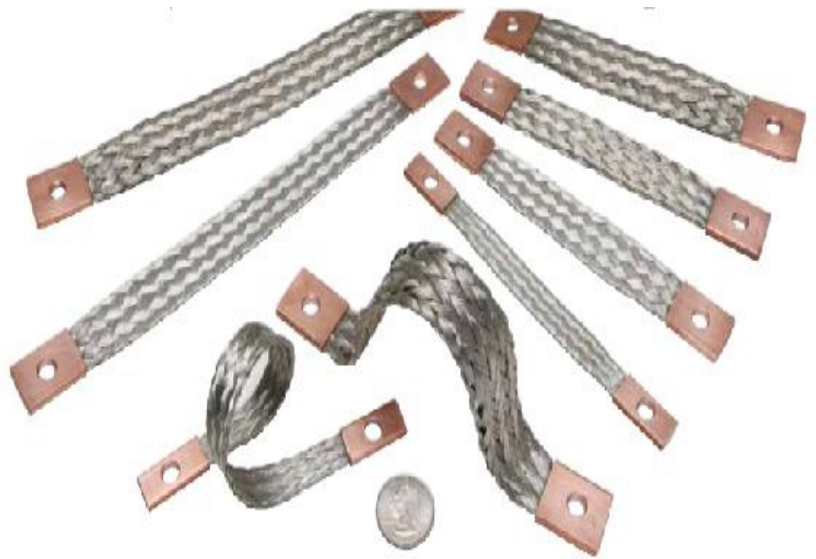
The Copper Braid with Pipe Bond is Customized Design and we manufacture as per Customers Specification depending on their Current rating and Cross Sectional Requirement.

OR

Our Customers need to give following Information in order to submit the Quote for any inquiry:

- 1) Copper Braid Width (Width)
- 2) Hole to Hole Length
- 3) Length for Pipe Bond (Normally it's the same of Width)
- 4) Thickness of Copper Braid
- 5) Hole Size
- 6) Wire Diameter (Usually its Manufactured in 36 Swg (Gauge))

The above require information can also be referred on Page 4 from the same Catalog given above

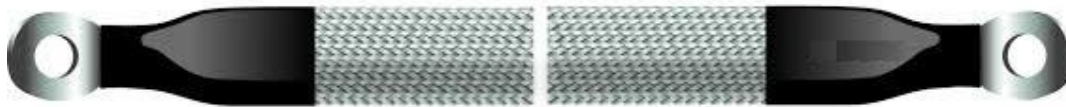


Copper Wire Braided Strip with Lugs Fittings

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper & Tinned Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)



The Copper Braid with Copper Lugs Bond is Customized Design and we manufacture as per Customers Specification depending on their Current rating and Cross Sectional Requirement.

OR

Our Customers need to give following Information in order to submit the Quote for any inquiry:

- 1) Total Width of the Copper Braid
- 2) Hole to Hole Length
- 3) Cable Lugs Size
- 4) Thickness of Copper Braid
- 5) Hole Size
- 6) Wire Diameter (Usually its Manufactured in 36 Swg (Gauge))

The above require information can also be referred on Page 4 from the same Catalog given above

Copper Braided Wire Rope with Lugs Fittings

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper & Tinned Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)



The Copper Braided Rope with Copper Lugs Bond is Customized Design and we manufacture as per Customers Specification depending on their Current rating and Cross Sectional Requirement.

The above require information can also be referred on Page 5 from the same Catalog given above.

MANUFACTURERS & EXPORTER OF COPPER EARTH STRAP



COPPER FLEXIBLE CONNECTOR

We manufacture Copper Flexible Connector in high grade Copper Quality.

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper, Tinned Plated & Silver Plating

Wire Sizes Offer – From Swg 30 to Swg 45. Standard is 36 Gauge (0.2mm)

Cross Sectional Area Range: From 2 Sqmm and Above

We Manufacture the Following Basic Sizes for Copper Flexible Connector:

Dimensions Width X Thick	Cross Section sq. mm	Appx.Weight per 100 Meters*	Current Rating Amps*	Product Code Sr. No.
4 X 1	2	2	25	CBS -0410
6 X 1	3.6	3.6	36	CBS -0610
8 X 1	5	5	47	CBS -0810
10 X 1	6.1	6.1	55	CBS -1010
10 X 2	9.8	9.8	83	CBS -1020
12 X 1	7	7	62	CBS -1210
12 x 1.5	8.40	8	40	CBS -1215
12 x 3	16.80	17	105	CBS -1230
19 x 1.5	12.10	12	63	CBS -1915
19 x 3	22.40	22.5	145	CBS -1930
25 x 1.5	19.60	20	85	CBS -2515
25 x 3	36.50	35	200	CBS -2530
25 x 6	73.00	72.5	400	CBS -2560
32 x 1.5	36.50	38	120	CBS -3215
32 x 3	42.10	42	240	CBS -3230
32 x 6	81.40	80	400	CBS -3260
38 x 3	53.30	52.0	300	CBS -3830
38 x 6	80.00	85	500	CBS -3860
50 x 3	70.20	70	400	CBS -5030
50 x 6	109.50	110	800	CBS -5060
50 x 12	280.00	275	1500	CBS -5012
75 x 6	140.40	140	1000	CBS -7560
90 x 12	240.00	330	40	CBS -9012

The Copper Braids are usually made in

- 36 Gauge SWG (0.02927 Sqmm per Wire i.e 0.193 wire diameter) - Standard

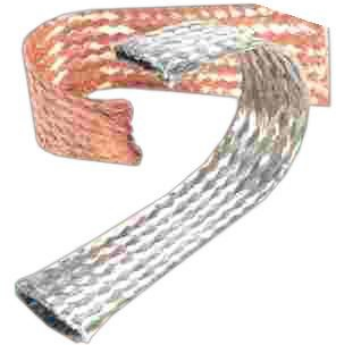
- 39 Gauge SWG (0.0137 Sqmm per Wire i.e 0.132 wire diameter)

- 42 Gauge SWG (0.008107per Wire i.e 0.102 wire diameter)

More the Gauge SWG – More will be Flexibility

***Above are the Standard Size for the ready reference. Copper Flexible Connector in any other sizes can be manufactured and supply

P.N-Current rating measured at 35°C room temperature and max. permitted Conductor Temp of 70°C, Since several influencing factors generally apply, the value specified for current rating must be considered as non-binding guideline values.



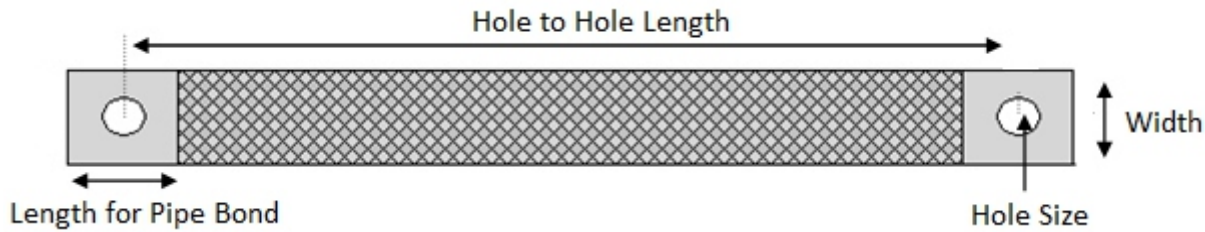
Copper Braided Bond with Pipe Fittings

We manufacture Copper Braid Bond also called as Copper Flexible Connector.

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper & Tinned Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)



The Copper Braid with Pipe Bond is Customized Design and we manufacture as per Customers Specification depending on their Current rating and Cross Sectional Requirement.

OR

Our Customers need to give following Information in order to submit the Quote for any inquiry:

- 1) Copper Braid Width (Width)
- 2) Hole to Hole Length
- 3) Length for Pipe Bond (Normally it's the same of Width)
- 4) Thickness of Copper Braid
- 5) Hole Size
- 6) Wire Diameter (Usually its Manufactured in 36 Swg (Gauge))

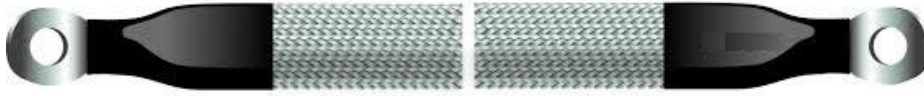


Copper Wire Braided Strip with Lugs Fittings

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper & Tinned Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)



The Copper Braid with Copper Lugs Bond is Customized Design and we manufacture as per Customers Specification depending on their Current rating and Cross Sectional Requirement.

OR

Our Customers need to give following Information in order to submit the Quote for any inquiry:

- 1) Total Width of the Copper Braid
- 2) Hole to Hole Length
- 3) Cable Lugs Size
- 4) Thickness of Copper Braid
- 5) Hole Size
- 6) Wire Diameter (Usually its Manufactured in 36 Swg (Gauge))

Copper Braided Wire Rope with Lugs Fittings

Copper Material: Electrolytic Copper

Finish Offers: Bare Copper & Tinned Plated

Wire Sizes Offer – From 30 swg to 45 swg. Standard is 36 swg (0.2mm)



The Copper Braided Rope with Copper Lugs Bond is Customized Design and we manufacture as per Customers Specification depending on their Current rating and Cross Sectional Requirement.

MANUFACTURERS & EXPORTER OF STRANDED COPPER CONDUCTORS



Copper Wire Stranded Conductors

We manufacture Copper Stranded Conductors used in Substation Earthing.

Copper Material: Electrolytic Copper

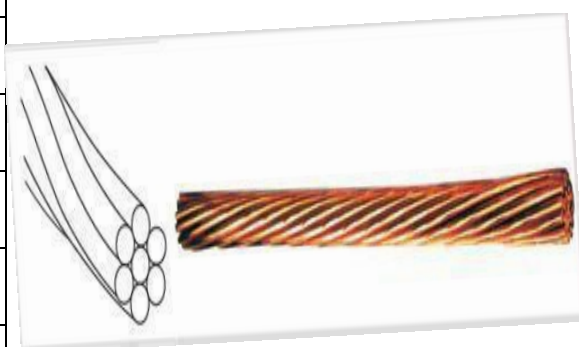
Finish Offers: Bare Copper, Tinned Plated

Wire Sizes Offer – From 15 swg to 30 swg.

Cross Sectional Area Range: From 10 Sqmm and Above

We Manufactures the following Copper Wire Stranded Conductors:

Normal Area insq. mm	Stranding & Wire Diameter in mm.	App X.O.D inmm.	Appx.W ght Per 100 Mtr.	Product
				Code
10	3 x 2.12	4.5	9=800	CSC -10
	7 x 1.40	4.5	9=900	
16	7 x 1.70	5.1	15=600	CSC -16
25	7 x 2.24	7	24=700	CSC -25
35	7 x 2.50	8.0	32=000	CSC -35
50	19 x 1.80	10.50	48=000	CSC -50
70	19 x 2.24	11.50	71=000	CSC -70
95	19 x 2.50	13	89=000	CSC -95
120	37 x 2.06	15	118=000	CSC -120
150	37 x 2.24	16.50	143=000	CSC -150
185	2.5*37	19	170=00	CSC -185
240	61 x 2.24	22	245=000	CSC -240



MANUFACTURERS & EXPORTER OF TINNED COPPER BRAID



Amiable Impex manufactures Tinned Copper Braid.

Our most economical standard Tinned Copper Braid are made from 0.20 diameter wire and are braided into a tube followed by a rolling process to flatten them.

Tin Copper Braid is used as earthing straps and are also used in numerous electrical components. All types can be supplied in non-rolled form, as multiple tubes and for screening. Highly copper flexible pressed, Bare, Tin & Silver Coated. Flat Braid is mainly used for Earthing Connection & terminals etc.

Range	4 Sq.mm and above
Wire Diameter	0.05mm(47Swg) to 0.3mm(30Swg)
Material	Electrolytic Copper
Finish	Bare Copper/Tinned/Silver

Technical Specifications (Same Sizes also available with 0.20 mm Diameter)

Nomin al area mm	Dimension mm	Wire diamter mm	Current rating amps	Product Code
2.5	6 X 1.00	0.15	36	B02 -FB -2.5 - 36
4	10 X 1.00	0.15	52	B02 -FB - 4 - 52
6	12 X 1.00	0.15	66	B02 -FB - 6 - 66
10	15 X 1.50	0.15	90	B02 -FB - 10 - 90
16	19 X 2.00	0.15	120	B02 -FB - 16 -120
25	25 X 3.00	0.15	150	B02 -FB - 25 -150
35	25 X 3.50	0.15	200	B02 -FB - 35 -200
50	30 X 4.50	0.15	250	B02 -FB - 50 -250
70	32 X 5.00	0.15	300	B02 -FB - 70 -300
95	37 X 5.00	0.15	350	B02 -FB - 95 -350
120	45 X 5.00	0.15	400	B02 -FB -120 -400
150	50 X 6.00	0.15	500	B02 -FB -150 -500

We offer a wide choice of Tinned Copper Braid types (flat, round, rope and layered), strand sizes, finishes, termination options (crimped, pressed and swaged), insulation and identification. Our highly flexible earthing connectors and earth leads are commonly used in switchgear, building services and a wide range of industries. We offer competitive pricing and ex-stock or short lead time deliveries.

Other Finish:

Bare copper / Plain copper / red copper

- Electro tin plated copper
- Electro nickel plated copper
- 99.99% pure Silver electro plated copper
- Enamel coated, which insulates each wire
- And other finishes on request.

Even though many of our products are standard items, we also make special tailor made products made exactly to the requirements of our customers. For more details in Tinned Copper Braid or any queries please visit us at <http://www.timer-switch.com> or mail us at info@timer-switch.com

MANUFACTURERS & EXPORTER OF FLEXIBLE COPPER BRAID



Amiable Impex manufactures Flexible Copper Braid.

We Manufacturers and Suppliers of Flexible Copper Braid. Flexible Copper Braid are suitable for Earth Bonding. It can be supplied as Standard Drilled & Pre-Cut Bonds.

High conductivity copper

Wire to Bs - 4109 - C101

Suitable for Earth Bonding/ also supplied as Standard Drilled & Pre-Cut Bonds.

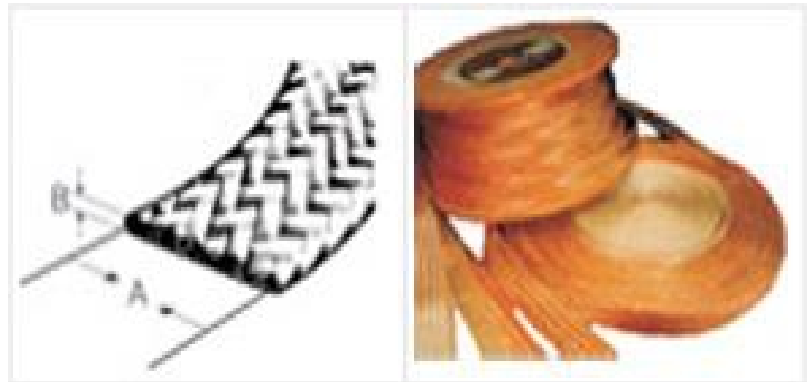
Customer specific sizes & types of braid can be manufactured on order.

Customer specific sizes & types of braid can be manufactured on order.

* Tinned Copper Flexible Braid also available

* Add suffix 'T' to the Product Code for Tinned Copper Flexible Braid

Overall Nominal Equivalent Size mm	Size MM2	Product Code
12 x 1.5	8.4	E12 -FCB -1215
12 x 3	16.8	E12 -FCB -123
15 x 1.4	8.75	E12 -FCB -1514
19 x 1.5	12.1	E12 -FCB -1915
19 x 3.0	22.4	E12 -FCB -1930
25 x 1.5	19.6	E12 -FCB -2515
25 x 3.5	34.7	E12 -FCB -2535
25 x 6	73	E12 -FCB -256
32 x 1.5	36.5	E12 -FCB -3215
32 x 3	42.1	E12 -FCB -323
32 x 6	81.4	E12 -FCB -326
38 x 3	53.3	E12 -FCB -383
38 x 6	80	E12 -FCB -386
50 x 3	70.2	E12 -FCB -503
50 x 6	109.5	E12 -FCB -506
50 x 12	280	E12 -FCB -5012
75 x 6	140.4	E12 -FCB -756



Braids made of many copper wires are also sometimes used for flexible electrical connections between large components. The numerous smaller wires comprising the braid are much more resistant to breaking under repeated motion and vibration than is a cable of larger wires.

In electrical and electronic cables, braid is a tubular sheath made of braided strands of metal placed around a central cable for shielding against electromagnetic interference. The braid is grounded while the central conductor or conductors carry the signal.

Even though many of our products are standard items, we also make special tailor made products made exactly to the requirements of our customers.

In electrical and electronic cables, braid is a tubular sheath made of braided strands of metal placed around a central cable for shielding against electromagnetic interference. The braid is grounded while the central conductor(s) carry the signal. (Shielding braids)

Another use is for lit wire which uses braids of thin insulated wires to carry high frequency signals with much lower losses from skin effect or to minimise proximity effect in transformers. Please contact us for more information. Flat braids made of many copper wires are also sometimes used for flexible electrical connections between large components. The numerous smaller wires comprising the braid are much more resistant to breaking under repeated motion and vibration than is a cable of larger wires.

Copper braid is made from weaving together strands of copper wire. The flexibility of the braid is determined by the diameter of the copper wire. The smaller the wire the greater the flexibility and the larger the volume occupied by the braid and the more expensive the braid becomes. Our standard sizes are 0.2, 0.1 and 0.05 mm diameter although other sizes are available on request. Flexibility is also determined by the type of weave. Flat braids are flexible in one axis. Round braids are flexible in 2 axis but rope braids are even more flexible than round braids, but also more expensive. An explanation of the construction of a copper braid is on our Products page.

For more details or any queries in terms for Flexible Copper Braid please visit us at <http://www.timer-switch.com> or mail us at info@timer-switch.com

MANUFACTURERS & EXPORTER OF COPPER LAMINATED FLEXIBLE CONDUCTOR



COPPER LAMINATED FLEXIBLE CONDUCTOR

Copper Laminated Flexibles

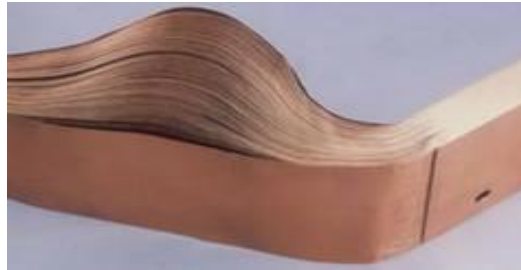
We offer the finest quality Copper Laminated Flexible Connector that is manufactured by stacking several foils of electrolytic copper and then applying high current under high pressure. These types of flexible connectors are commonly used as the flexible expansion joints for connecting the bus bars in different applications.

Features:

- Endurable and Long Lasting
- Available in different sizes
- Easy to use

Industry Use:

- Switchgear industries
- Power plants
- Cathodic Protection
- Bus Ducts
- Transformer
- V.C.B.
- Resistance welding engineering
- Electric Locomotives
- Galvano Engineering
- Furnaces



These Copper Laminated Flexible Connection are produced from high conductivity electrolytic grade copper foils/sheets. We follow various methods to produce these flexible jumpers.

The method used is described below:

Press Welding

In Press welding, individual Copper strips are fused (one homogeneous mass) together by applying direct current and pressure without the use of any foreign material. It results in producing a solid palm with properties of a plain busbar of the same cross section. This method assures minimum resistance thus increasing the product life & reduction in downtime. Welding provides the best mechanical & electrical properties at high temperatures. These are available in all sizes covering the desired cross section area. Slotted holes can be provided up on request.

Copper Laminated Flexible Connector consist of several stacked strips with riveted or welded contact areas. They have a constant cross-section over the whole length. Busbars and laminated connectors with the same cross-section can be loaded with the same current. A part of laminated connectors are utilized as flexible expansion connectors in order to connect busbars of switch gears, transformers, generators, etc. Thanks to their elasticity, thermal expansion of busbars is being compensated.

Most of the parts are being used as expansion connectors to prevent damages by vibration caused by switch gear operations. Another part is utilised as flexible components inside parts of machines (Like welding machines or switch gears). These kind of connectors have to realise movement inside machines and switch gears. To manufacture suitable connectors for the variable applications we have different methods of production.

So we are able to manufacture connectors in

- Press Riveted Design

- Fusion Welded or Soldered Design

- Press Welded Design

A copper laminated flexible conductor is available in any shape required.

If want to order Please mention:

- Outside length (O.L)

- Width required (W)

- Thickness (less clip) (T)

- Hole Diameter

- Type (letter shape)

- Hole pattern & dimensions

MANUFACTURERS & EXPORTER OF COPPER FLEXIBLE LAMINATED SHUNTS

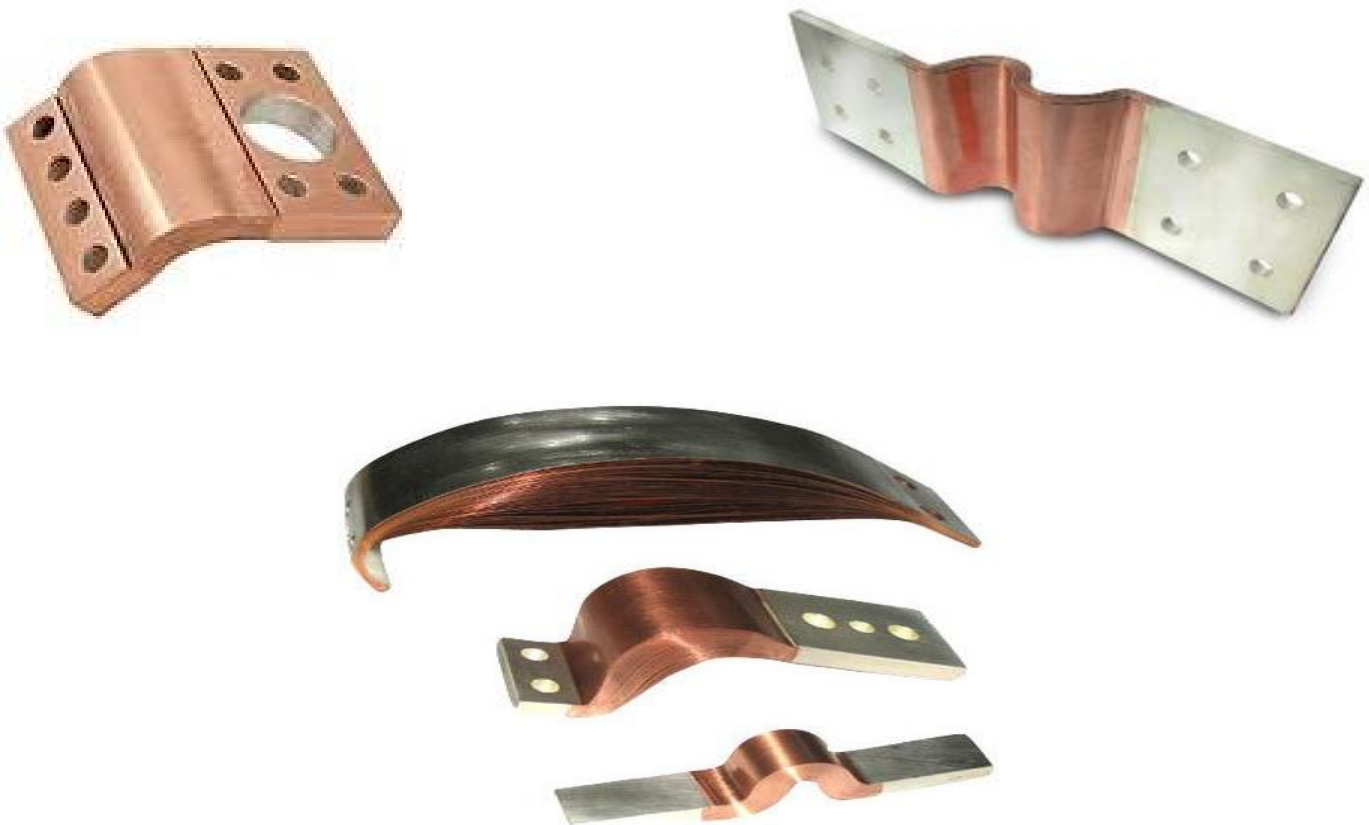


COPPER FLEXIBLE LAMINATED SHUNTS

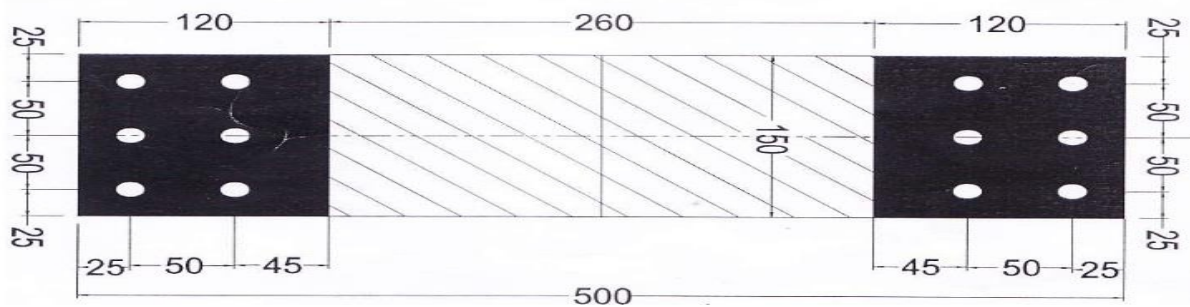
FLEXIBLE LAMINATED SHUNTS are custom designed to customer requirements and specifications and are available in any hole pattern or size. The secondary conductor strips are of High Conductivity Copper. Terminal ends can either be deep riveted or solder dipped to allow a more positive current transfer area for improved efficiency.

Copper flexible laminated shunts are manufactured by stacking several foils of Electrolytic Copper (0.035 to 0.3 mm thick) and then forging it by applying high current under high pressure. This is a special metal diffusion process whereby the metal itself melts and forms homogenous bond thus giving a very negligible, almost nil millivolt drop across the connector, thereby reducing the temperature rise & increasing the current carrying capacity of the jumper. In this process, no filler metal is used to join layers together. They have a constant cross section over whole length. The current carrying capacity of solid bus bar and Copper laminated jumper manufactured by this process is same. Therefore these jumpers are a substitute of solid bus bar. It is also possible to drill, saw or mill the contact areas without any problem.

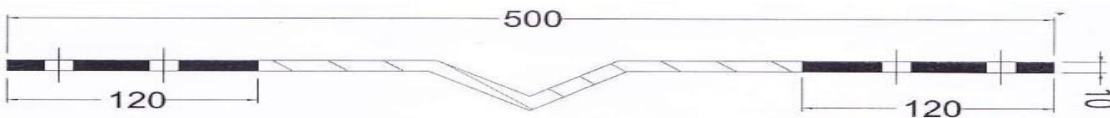
These type of flexible connectors are used as flexible expansion joints in order to connect bus bars in Switchgear Industries, Power Plants, Caustic Soda & Chlorine Plant using Mercury Cell, Modular Cell, Membrane Cell, Diaphragm Cell, Hydrochloride Cell, Manganese Dioxide Cell and Cathodic Protection, Bus Ducts, Transformer, V.C.B., Resistance welding equipment's, Electric Locomotives, Furnaces etc. to prevent damages by other parts of machines or switchgear. These kinds of jumpers have to realize movements inside machines and switchgear. These jumpers are individually designed and manufactured keeping in view, the user requirements and application. We also offer jumpers with contact area electro - tinned, Silver plated or Gold plated to give perfect contact.



INQUIRY FORMAT STYLE:



Copper Foil Diameter - 0.20 mm



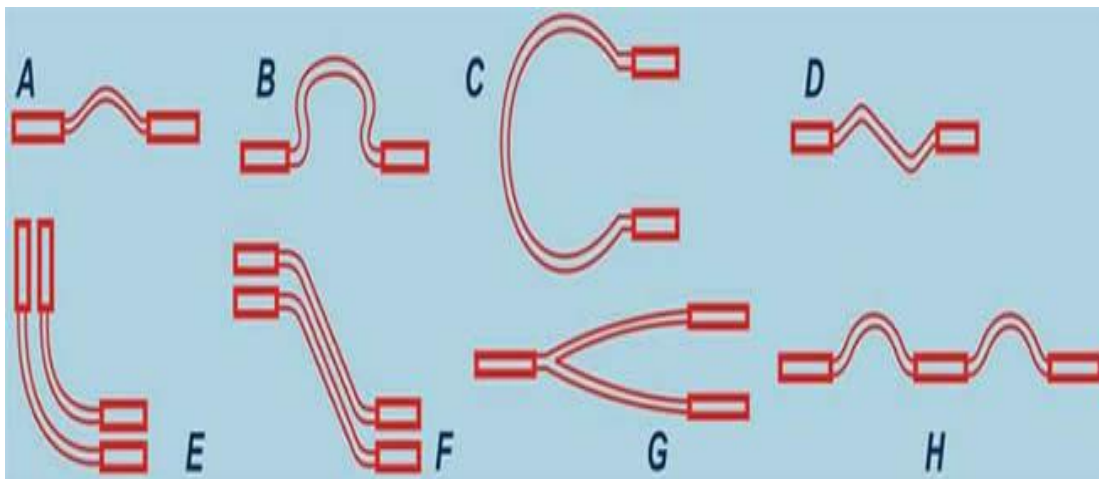
If any shape require than additional drawing specification also require

If want to order Please mention:

- 1) Total Width
- 2) Total Thickness
- 3) Fusion Welded Width on Left end
- 4) Fusion Welded Width on Right end
- 5) Hole Dimension and Hole Size
- 6) Total Length
- 7) Copper Foil Diameter
- 8) Plating Require if any
- 9) Any other Shape in Fusion Welded Req.



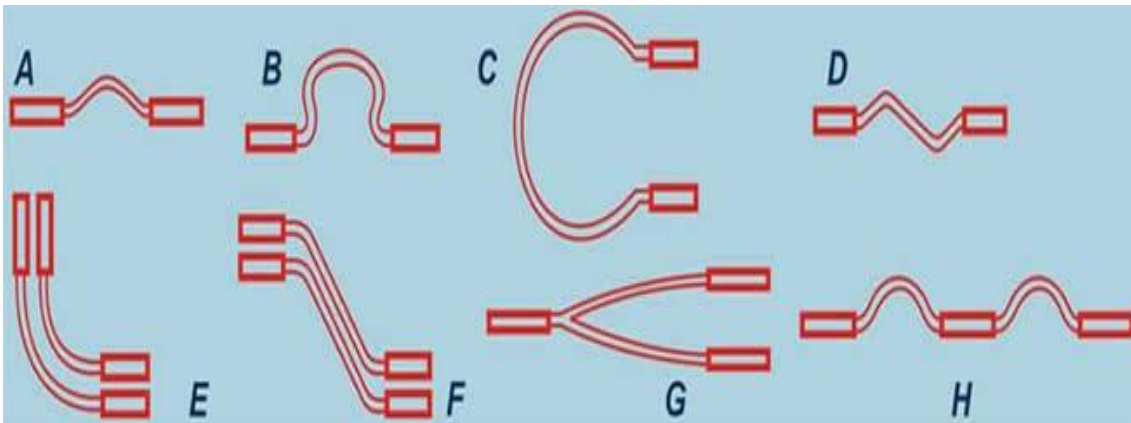
MANUFACTURERS & EXPORTER OF COPPER LAMINATE DFLEXIBLE JUMPERS



COPPER LAMINATED FLEXIBLE JUMPERS

Copper laminated flexible jumpers are manufactured by stacking several foils of electrolytic copper and then applying high current under high pressure. This is a special metal diffusion whereby the metal itself melts and forms homogenous bonds thus giving a very negligible, almost nil, mill volt drop across the connector, thereby reducing the temperature rise and increasing the current carrying capacity of the jumper. In this process, no filler metal is used to join two layers together. They have a constant cross section over whole length. The current carrying capacity of solid bus bar and copper laminated jumper manufactured by this process is the same. Therefore Laminated Copper flexible Jumper jumpers are a substitute for solid bus bar.

Copper flexible jumpers are manufactured in all possible shapes & sizes as per customer's requirements. Some of various shapes are shown in the images.



Copper laminated flexible jumpers are manufactured by laminating high conductivity, electrolytic grade copper foils. These laminated foils are then sweated or pressure welded / fused as per customer's requirements. Such copper jumpers carry the same current as that of Busbars as they have a constant cross section over the whole length giving a nil millivolt drop. So these jumpers are a best substitute for solid busbars. Our Copper flexible jumpers are widely used in following Industries: Transformers switchgear's, power plants, Electric locomotives, furnaces, chemical plants, electricity boards & all current carrying equipment manufacturing Industries.

It is also possible to drill, saw, braze, mill & weld the contact areas without any problem. These types of flexible connectors are used as flexible expansion joints in order to connect bus bars in Switchgear industries,

Power plants,
Caustic Soda,
Chlorine plant using mercury Cell,
Modular Cell,
Membrane Cell,
Diaphragm Cell,
Hydrochloride Cell,
Manganese Dioxide Cell and Cathodes Protection,
Bus Ducts, Transformer, V.C.B.,
Resistance welding engineering,
In Electric Locomotives, Furnaces etc..

It is used as expansion connectors to prevent damages by other parts of machines or switchgears and to take care of thermal and dynamic stresses caused by short circuit current in the system. These jumpers have to realize movements inside machines and switchgear. Flexible Copper Laminated jumpers is individually designed and manufactured keeping in view the user's requirement and application. We also offer jumpers with contact area electro tinned, silver or gold plated to give perfect contact.

If want to order Please mention:

Outside length (O.L), Width required (W), Thickness (less clip) (T), Hole Diameter, Type (letter shape), Hole pattern & dimensions

Fields Name:

We are manufacturer and supplier of Copper Braids like:

Copper Braided, Copper Braided Connector, Laminate Copper Flexible Jumper Copper Braided Flexible Connector, Copper Braid, Copper Braids, Copper Braided Bond, Copper Braided Straps, Copper Braided Earth Straps, Tinned Copper Braided, Copper Laminate Flexible Jumper, Copper Flexible Laminated Jumpers, Tinned Copper Braided Connector, Tinned Copper Braided Flexible Connector, Tinned Copper Braid, Tinned Copper Braids, Tinned Copper Braided Bond, Tinned Copper Braided Straps, Tinned Copper Braided Earth Straps.