

Copper Flexible Connector

We are the manufacture and export **Copper Flexible Connector**.

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 of copper flexible connector

Nominal area MM2	Dimension		Catalogue No
	W	T	
4.00	10 x 1.00		B03-FC 4-52
6.00	12 x 1.00		B03-FC 6-66
10.00	15 x 1.50		B03-FC 10-90
16.00	19 x 2.00		B03-FC 16-120
25.00	25 x 3.00		B03-FC 25-150
35.00	25 x 3.50		B03-FC 35-200
50.00	30 x 4.50		B03-FC 50-250
70.00	32 x 5.00		B03-FC 70-300



Copper Flexible Connector can be made from electrolytic copper Cu-ETP or from oxygen free copper

Finish:

Our wide range of Copper Flexible Connector products is available in the following finishes:

- ❖ 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.

We offer a wide choice of 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.

We use the finest quality material 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.

Oxygen Free Copper

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 0.001 %
- Hardness: B30 - 40
- Conductivity: 101 %
- Tensile strength: 25 - 40 Ksi

In simple terms the thermal conductivity of pure copper is about 400 watts per meter. This means that a plate of copper with area A and thickness L whose faces are kept at a constant relative temperature difference of ΔT will conduct heat at a rate of 400.

Regd. Office -

AMIABLE IMPEX.

11, Prem Nagar Building No.7,
Govind Chhaya, Next to MCF Garden,
Prem Nagar, Borivali West, Mumbai -
400 092.

AMIABLE IMPEX

Plot No.495, Rohitvas,
Motapondha, Vapi-396191
Gujarat,India.

Contact Person -

UJJWAL SHAH

E-mail: ujjwal@amiableimpexindia.com

Tel :+ 91- 22-28957101 / 09029533151



Website: www.copperjumper.com