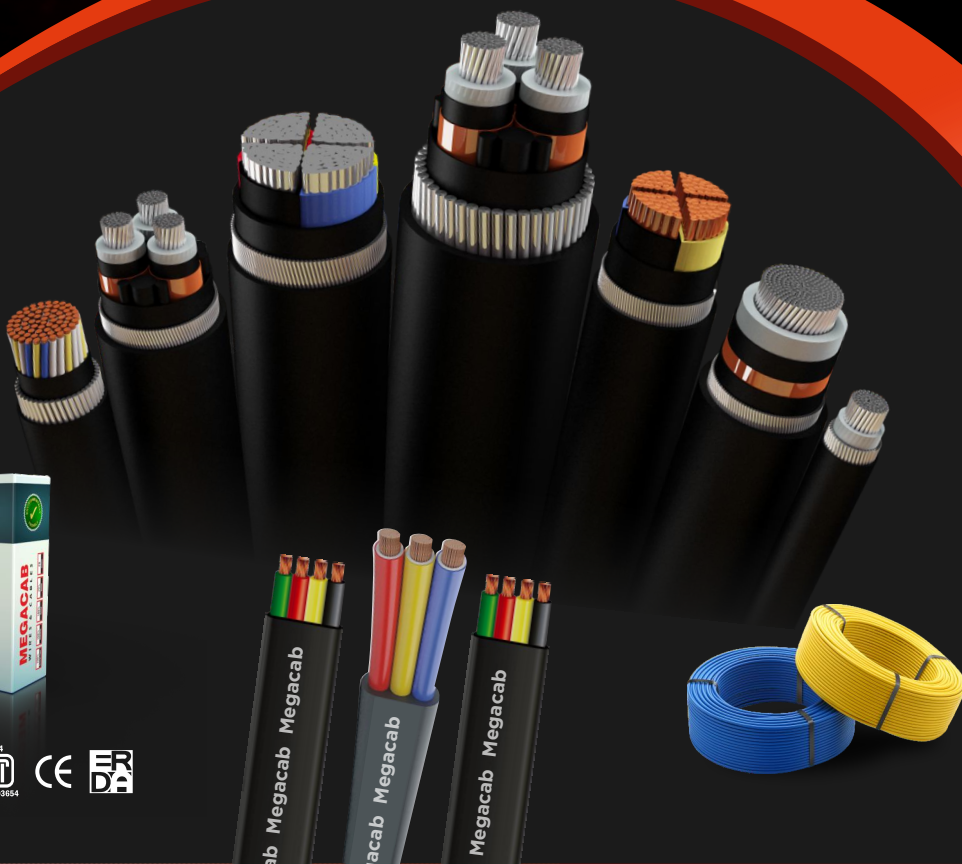


Cables
that cares for you



Beyond Your Expectations



Who We Are ?



We introduce ourselves as a leading manufacturer and exporter of electrical cables and wires under the brand name **Megacab**. We are an ISO 9001 : 2015 certified company with a strong presence in our industry. Neon Cables Pvt. Ltd. well established manufacturing setup is situated in industrial area of Rajkot - Gujarat - India.

We have developed state of the art manufacturing unit that is spread over a wide area. **Megacab** cables and wires tested as per norms of the BIS. We are striving continuously to achieve quality and excellence not only in all our products and services but also in every aspect of our operations. Continuing improvement and customer satisfaction is our motto, dedicated service is our commitment to industry and to ourselves.

Submersible Flat Cable

- A. Conductor :** The Conductors are from electric grade copper bunched together having 99.97% Purity.
- B. Insulation :** The Layer insulation special grade PVC / XLPE. Sheathed excellent moisture resistant and have high electric strength even if the cables are immersed in water, oil etc...

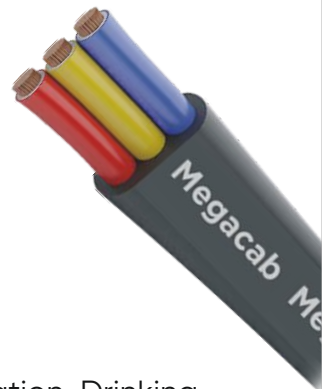
C. Size :

Size (Sq. mm)	AMPS	WIRE Nos. & DIA
1.00	11	(14/0.30)
1.50	14	(22/0.30)
2.50	19	(36/0.30)
4.00	26	(56/0.30)
6.00	31	(84/0.30)
8.00	36	(110/0.30)
10.00	42	(140/0.30)
16.00	57	(126/0.40)

D. Feature :

- Flexibility** : Longer Flex Life
Insulation : 2 Layer 110° c
Copper Purity : 99.97 %
Gripping : Long Working Life
Temperature : **Sheath** : 20° c to 80° c
Insulation : 00°c to 110° c

- E. Application :** Submersible pump for irrigation, Drinking water supply pump. Industrial pump requirement, Fire fighting Equipment, Sewage Pumps, Offshore Drilling, Sea Water Handling.



House / Building Wires

- A. Conductor :** The Conductors are from electric grade copper bunched together having 99.97% Purity. Supplied in 90 Mtrs. in Box Packing and 180-mtrs, 270-mtrs coil for project purpose.
- B. Insulation :** Single core un sheathed PVC insulated wire. High resistive insulation. FR- Fire Retardant, FRLS - Fire Retardant Low Smoke, ZHFR - Zero Halogen Fire Retardant.

C. Size :

Size (Sq. mm)	AMPS	WIRE Nos. & DIA
0.50	4	(16/0.20)
0.75	7	(24/0.20)
1.00	11	(14/0.30)
1.50	14	(22/0.30)
2.50	19	(36/0.30)
4.00	26	(56/0.30)

D. Feature :

- Marking** : Providing 0 to 90 mtrs marking.
Copper Purity : 99.97% as per ISI Standard
Temperature : Wire stands in High Temp.
Insulation : Non Corrosive and non toxic Insulation, Better Flame Retardant PVC and protective from oil and Grease.
Colors : Red, Yellow, Blue, Black, Green, Gray

- E. Application :** House Hold Wiring, Multipurpose Wiring, Temporary Wiring, Appliance - Wiring, Extension lead and for Distribution Station etc...



Industrial Cables



- A. Conductor :** The Conductors are from electric grade copper bunched together having 99.97% Purity. Supplied in 100 mtrs. Coil.
- B. Insulation :** Single Core unshethed PVC insulated wire. High resistive Insulation. FR - Fire Retardant, FRLS - Fire Retardant Low Smoke, ZHFR - Zero Halogen Fire Retardant.

C. Size :

Size (Sq. mm)	AMPS	WIRE Nos. & DIA
6.00	31	(84/0.30)
10.00	42	(140/0.30)
16.00	57	(226/0.30)
25.00	72	(354/0.30)
35.00	90	(495/0.30)
50.00	115	(703/0.30)

D. Feature :

- Flexibility :** Longer Flex Life
- Insulation :** Non Corrosive and non toxic Insulation, Better Flame Retardant PVC and protective from oil and Grease.
- Temperature :** Wire Stands in High Temperature.



- E. Application :** For Industries, Multi purpose wiring, extension lead and for distribution, For Heavy Machinery etc...

Welding Cables

- A. Conductor :** The Conductors are from electric grade copper bunched together having 99.97% Purity. Supplied in 100 mtrs. Coil. Flexible Conductor.

- B. Insulation :** NBR Coated - Flexible Vulcanizing Nitrile Rubber.

C. Size :

Size (Sq. mm)	AMPS	WIRE Nos. & DIA
16.00	120	(509/0.20)
25.00	160	(796/0.20)
35.00	230	(1115/0.20)
50.00	400	(703/0.30)
70.00	600	(999/0.30)
95.00	700	(1346/0.30)

D. Feature :

- (1) Outstanding toughness and durability.
- (2) High resistance to cuts, tears and abrasion.
- (3) Resistance to oil, solvent and chemical.
- (4) Excellent ozone and weather resistance.
- (5) Available in Black and Orange Color.

- E. Application :** Designed for secondary (high current) connection to automatic or hand held metal arc welding electrode. Suitable for flexible use, Assembly lines, Conveyor system, machine tools, spot welding machines etc...



Round Flexible Industrial Cables

- A. Conductor :** The Conductors are from electric grade copper bunched together having 99.97% Purity. Supplied in 100 mtrs. Coil.

- B. Insulation :** Bunched conductors are insulated with specially formulated PVC compound having high insulation resistance values. Sheathed with a special grade of PVC Compound which is impervious to weather, grease, oil etc...

C. Feature :

- Insulation :** Non Corrosive and non toxic Insulation, Better Flame Retardant PVC and protective from oil and Grease.
- Copper Purity :** 99.97 % as per ISI Standard Supplied in 100 mtrs. Coil.

- D. Application :** For Industries, Multi purpose wiring, extension lead and for distribution, For Heavy Machinery, Assembly lines, Suitable for flexible use.

Size (Sq. mm)	AMPS	WIRE Nos. & DIA
0.50	5	(16/0.20)
0.75	8	(24/0.20)
1.00	13	(32/0.20)
1.50	17	(22/0.30)
2.50	24	(36/0.30)
4.00	30	(56/0.30)
6.00	38	(84/0.30)
10.00	52	(140/0.30)
16.00	70	(126/0.40)
25.00	88	(196/0.40)
35.00	112	(276/0.40)
50.00	146	(396/0.40)
70.00	216	(360/0.50)



Aluminum Flat / Round Cables

- A. Conductor :** Standard / Solid, Shaped as per IS:8130. Standard grade Aluminum Solid and Standard bunched together.
- B. Insulation :** Two layer insulation special grade PVC or XLPE. Sheathed excellent moisture resistant and have high electric strength even if the cables are immersed in water, oil etc...
- D. Feature :** **Conductor :** Stranded and Solid Aluminum Shaped as per IS:8130
Insulation : Two layer PVC or XLPE insulated cable. High resistive insulation.
Temperature : Wire Stands in High Temperature.
Available Sizes : 6 sq. mm to 150 sq. mm in 3 Core & 4 Core
 25 sq. mm to 150 sq. mm in 3.5 Core
- E. Application :** Service Cable, Irrigation Pumps, Insulation Connection cable and Submersible Pump. DG set power supply, Decoration lighting



Aluminum Flat Cables

Size (Sq. mm)	AMPS	SOLID / STRANDED
2.50	17	SOLID
4.00	23	SOLID
4.00	23	STRANDED
6.00	30	SOLID
6.00	30	STRANDED
10.00	40	SOLID
10.00	40	STRANDED

Aluminum Round Cables

Size (Sq. mm)	AMPS	SOLID / STRANDED
6.00	30	SOLID
6.00	30	STRANDED
10.00	40	SOLID
10.00	40	STRANDED
12.00	43	SOLID
16.00	51	SOLID
16.00	51	STRANDED

Size (Sq. mm)	AMPS	SOLID / STRANDED
25.00	70	SOLID
25.00	70	STRANDED
35.00	86	STRANDED
50.00	105	STRANDED
70.00	130	STRANDED
95.00	155	STRANDED

Copper / Aluminum Armoured Cables

- A. Conductor :** **Copper :** The Conductors are from electric grade copper bunched together having 99.97% Purity.
Aluminium : The conductor from aluminum bunched together.
- B. Insulation :** XLPE - means cross-linked polyethylene or vulcanized polyethylene. The basic material is low density polyethylene better resistance to stress cracking and good resistance to ageing in hot. Higher insulation resistance 1000 times more than ave. cables.
- C. Size :** 4 to 185 sq. mm. | **AMPS : 26 to 275** | **CONFIG : (56/0.30) to (931/0.50)**
- D. Features :**
- (1) Dielectric losses are very small.
 - (2) Higher current carrying capacity.
 - (3) Higher short circuit rating 250°C. as against 160°C for PVC.
 - (4) XLPE can retain flexibility down upto 40°C.
 - (5) Joining and termination is easy.
 - (6) Light in weight, better resistance to most chemicals oils, acids,
- E. Core :** 2 Core, 3 Core, 3.5 Core, 4 Core.
- F. Application :**
- (1) Outdoor & Indoor Application
 - (2) Power Network Application
 - (3) Cable Network Application
 - (4) Industrial Application
 - (5) Underground Transport Network and Cable Ducting
 - (6) Appropriate for underground cabling.



Authorised Dealer

Manufacturer & Exporter

Neon Cables Pvt. Ltd.

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