

MIRACLECABLES™
Smart cable solutions

ISO
9001:2008
CERTIFIED COMPANY



PVC Cables

PVC Cables for Industrial Application



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Flexible Single Core Cables

These cables are used for Transmission of Low voltage Signals, Electric Motors, D.C. Power Transformers. Panel Boards, Battery cables etc.

"Poly Flex" brand PVC insulated Wire unsheathed with bright annealed plain copper conductor bunched and/or stranded & good flexibility, voltage up to & including 1100 volts grade with IS-694/90 mark.

"Poly Flex" Plain Copper Conductor, PVC insulated unsheathed 650/1100 V, Single Core Cables for panel board wiring as per IS:694/1990 with ISI mark(up to 50 sq."mm")						
Area in "Sq. mm"	Conductor construction No. Wire/ "mm"	Conductor Dia.in "mm"	Max. DC Resistance "Ω/Km"at 20°C	Insulation Thickness in "mm"Nominal	Cables Dia(Approx.) "mm"	Current Rating in "Amp"
0.50	16/0.20	0.94	39.0	0.60	2.20	4
0.75	24/0.20	1.20	26.0	0.60	2.50	7
1.00	32/0.20	1.34	19.5	0.60	2.60	12
1.50	*30/0.20	1.64	13.3	0.60	2.90	15
2.50	**50/0.25	2.08	7.98	0.70	3.50	20
4.00	56/0.30	2.61	4.95	0.80	4.30	27
6.00	84/0.30	3.50	3.300	0.80	5.30	35
10.0	140/0.30	4.60	1.910	1.00	6.70	46
16.0	101/0.45	6.00	1.210	1.00	8.20	62
25.0	158/0.45	7.60	0.078	1.20	10.0	80
35.0	220/0.45	8.70	0.554	1.20	11.3	102
50.0	315/0.45	10.6	0.386	1.40	13.5	138
70.0	440/0.45	12.3	0.272	1.40	15.5	214
95.0	485/0.50	14.7	0.206	1.60	18.5	260
120	608/0.50	16.7	0.161	2.00	20.9	305
150	750/0.50	18.3	0.129	2.00	22.5	355
185	925/0.50	20.0	0.106	2.20	24.6	415
240	1221/0.50	23.0	0.0801	2.20	27.6	500

* This size can be supplied in 48/0.2 construction.
 **This size can be supplied in 80/0.2 construction.
 NOTE : Cables above 50 sq.mm are not covered by IS:694 but are as per IS-2465.
 THE ABOVE DATA IS INDICATIVE AND MAY BE REVISED WITHOUT PRIOR INFORMATION.

Miracle cables range of PVC cables

- Multicore PVC Cables
- Multicore Braided Cables
- Multicore Armored Cables
- Multicore Shielded Cables

Miracle cables also manufacture

- UL Certified Cables
- ROHS Certified Cables
- CE Marked Cables
- Auto Cables
- Welding Cables
- Uninyvin Cables

Applications

- Automotive
- Chemical Plants
- Construction Industry
- Consumer Products
- Electrical Devices
- Electronic Devices
- Elevators
- Panel Boards
- Petrochemical Industry
- Power Electronics
- Power Products

Colours:Customer Specified

About us

Miracle Cables (I) Pvt. Ltd. is 16 years young company with aspirations to grow as a significant player in the cables industry. The company has an array of professionals dedicated to give the exceptional products and services to its customers. Situated in Mumbai, a strategic location of India, Miracle Cables currently caters to several world class organizations in India as well as abroad. Miracle Cables (I) Pvt. Ltd. has following achievements to its credit-

- ARAI(The automotive Research Association of India) test certificate
- ISO 9001-2008
- ISI Certification
- NTH (National Test House) test certificate
- CPRI test Certificate
- UL (Underwriters' Laboratories) Certification
- CVRDE (Combat Vehicles R & D Estt.) approval
- DGQA (Directorate General of Quality Association) approval
- ERTL (Electronics Regional Test Laboratory) certificate
- ERDA (Electrical Research & Development Association) test certificate
- ROHS Test certificate

Apart from Auto Cables, Miracle Cables (I) Pvt. Ltd. also manufactures cables for wide range of applications. These cables include Uninyvin Cable, Power cables, Control & instrumentation cable, Eco-friendly cable, and many more.