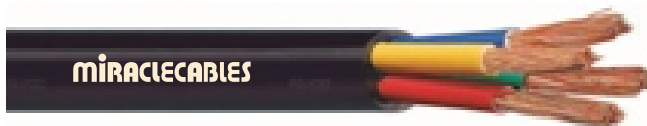
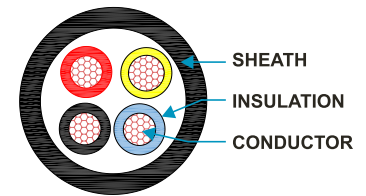




## Power Cables

Copper conductor, XLPE Insulated and PVC Sheathed Unarmoured 1100 V as per IS 7098-1



### Application

This type of cable is used for transmitting and distributing power. It is typically installed as a permanent fixture in commercial and retail locations, both indoors and outdoors, as well as in industrial plants. It can be buried in the ground, run overhead, or exposed to the sun in cable trays.

### Properties

- XLPE PVC compound
- PVC self-extinguishing and flame retardant

### Construction

- Conductor material : Copper as per IS 8130
- Shape of conductor : For Cu stranded - (Circular compacted)
- Insulation : XLPE as per IS 7098
- Inner sheath : PVC ST2 (optional)
- Outer jacket : PVC ST2 Conforming to IS 5831-1984 (Optional : FRLS), UV & ATR

### Technical Parameter

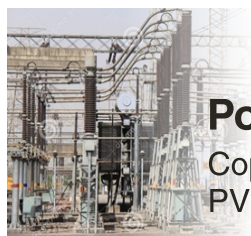
- Temp range : -15°C to + 90°C, Short circuit temp + 250 °C
- Nominal voltage : 1100 V
- Test voltage : 3 kV for 5 mins
- Mini. bending radius : Min. 15 x Cable dia - for single core  
: Min. 12 x Cable dia - for multi core

ERTL

### Dimension

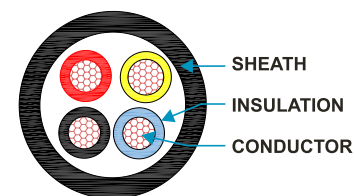
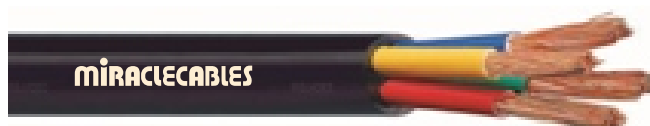
Part Code	No. of Core	Size (Sq.mm.)	Insulation Thickness (mm)	Overall Diameter (mm)	Weight of Cable Approx. (Kg/km)
1103B010040	1	4	1.00	8.60	114
1103B010060	1	6	1.00	9.10	142
1103B010100	1	10	1.00	10.1	190
1103B010160	1	16	1.00	10.8	248
1103B010250	1	25	1.20	12.40	357
1103B010350	1	35	1.20	13.40	458
1103B010500	1	50	1.40	14.90	595
1103B010700	1	70	1.40	16.50	805
1103B010950	1	95	1.60	18.60	1081
1103B011200	1	120	1.60	21.10	1332
1103B011500	1	150	1.80	22.20	1630
1103B011850	1	185	2.00	24.50	2013
1103B012400	1	240	2.20	27.30	2592
1103B013000	1	300	2.40	29.80	3202
1103B014000	1	400	2.60	33.60	4070

Part Code	No. of Core	Size (Sq.mm.)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Overall Diameter (mm)	Weight of Cable Approx. (Kg/km)
1103B020015	2	1.50	0.80	1.80	10.40	194
1103B020025	2	2.50	0.90	1.80	11.90	248
1103B020040	2	4	1.00	1.80	13.40	316
1103B020060	2	6	1.00	1.80	14.40	397
1103B020100	2	10	1.00	1.80	15.90	515
1103B020160	2	16	1.00	1.80	18.00	531
1103B020250	2	25	1.20	2.00	20.40	676
1103B020350	2	35	1.20	2.00	21.40	966
1103B020500	2	50	1.40	2.00	23.90	1254
1103B020700	2	70	1.40	2.00	26.00	1677
1103B020950	2	95	1.60	2.20	30.00	2274
1103B021200	2	120	1.60	2.20	31.40	2760
1103B021500	2	150	1.80	2.40	35.20	3409
1103B021850	2	185	2.00	2.40	38.50	4201
1103B022400	2	240	2.20	2.60	42.00	5409



## Power Cables

Copper conductor, XLPE Insulated and PVC Sheathed Unarmoured 1100 V as per IS 7098-1



### Dimension

Part Code	No. of Core	Size (Sq.mm.)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Overall Diameter (mm)	Weight of Cable Approx. (Kg/km)
1103B030040	3	1.50	0.80	1.80	11	218
1103B030060	3	2.50	0.90	1.80	12	284
1103B030100	3	4	1.00	1.80	13.50	372
1103B030160	3	6	1.00	1.80	14.40	470
1103B030250	3	10	1.00	1.80	15.60	629
1103B030350	3	16	1.00	1.80	18.40	705
1103B030500	3	25	1.20	2.00	21.50	1046
1103B030700	3	35	1.20	2.00	23.30	1350
1103B030950	3	50	1.40	2.00	26.50	1783
1103B031200	3	70	1.40	2.20	29.90	2446
1103B031500	3	95	1.60	2.20	33.80	3286
1103B031850	3	120	1.60	2.20	37	4034
1103B032400	3	150	1.80	2.40	40.10	4954
1103B033000	3	185	2.00	2.60	44.60	6145

Part Code	No. of Core	Size (Sq.mm.)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Overall Diameter (mm)	Weight of Cable Approx. (Kg/km)
1103B040040	4	4	0.70	1.80	14.0	340
1103B040060	4	6	0.70	1.80	15.0	430
1103B040100	4	10	0.70	1.80	17.0	630
1103B040160	4	16	0.70	1.80	19.0	800
1103B040250	4	25	0.90	2.00	22.0	1200
1103B040350	4	35	0.90	2.00	24.0	1600
1103B040500	4	50	1.00	2.00	27.0	2000
1103B040700	4	70	1.10	2.20	31.0	2900
1103B040950	4	95	1.10	2.20	35.0	3900
1103B041200	4	120	1.20	2.40	39.0	4910
1103B041500	4	150	1.40	2.60	43.0	6000
1103B041850	4	185	1.60	2.80	48.0	7450
113B042400	4	240	1.70	3.00	54.0	9700

Part Code	No. of Core	Size (Sq.mm.)	Nom. Insulation Thickness (mm)	Mini. Inner Sheath Thickness (mm)	Nom. Outer Sheath Thickness (mm)	Overall Diameter (mm)	Weight of Cable Approx. (Kg/km)
1103B050250	3.5	25	0.90/0.70	0.30	2.00	21	1150
1103B050350	3.5	35	0.90/0.70	0.30	2.00	24	1400
1103B050500	3.5	50	1.00/0.90	0.30	2.00	26	1850
1103B050700	3.5	70	1.10/0.90	0.40	2.20	30	2600
1103B050950	3.5	95	1.10/1.00	0.40	2.20	34	3450
1103B051200	3.5	120	1.20/1.10	0.40	2.20	37	4350
1103B051500	3.5	150	1.40/1.10	0.50	2.40	41	5250
1103B051850	3.5	185	1.60/1.10	0.50	2.60	46	6600
1103B052400	3.5	240	1.70/1.20	0.60	2.80	50	8500