

Swadeshi[®] CABLES

An ISO 9001 Company



PRODUCT CATALOGUE

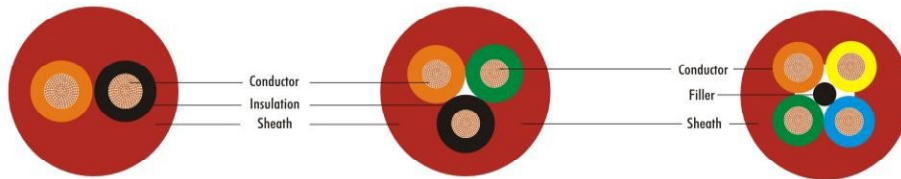


PLAIN COPPER CONDUCTOR PVC INSULATED AND SHEATHED 1100 V.
MULTICORE FLEXIBLE CABLES AS PER IS : 694/1990 WITH ISI MARK

| Area in sq. mm | Number / Nominal Dia. of Conductor | Cond. Dia in mm | Max. DC Resistance ohm/km at 20 °C | Insulation Thickness Nominal mm | Core Dia mm | Sheath Thickness in mm Nominal | | | Overall Diameter in mm approx. | | | Current Rating AMP |
|----------------|------------------------------------|-----------------|------------------------------------|---------------------------------|-------------|--------------------------------|--------|--------|--------------------------------|--------|--------|--------------------|
| | | | | | | 2 core | 3 core | 4 core | 2 core | 3 core | 4 core | |
| 0.50 | 16/0.20 | 0.94 | 39.00 | 0.60 | 2.20 | 0.90 | 0.90 | 0.90 | 6.20 | 6.60 | 7.20 | 4 |
| 0.75 | 24/0.20 | 1.20 | 26.00 | 0.60 | 2.50 | 0.90 | 0.90 | 0.90 | 6.80 | 7.20 | 7.90 | 7 |
| 1.00 | 32/0.20 | 1.34 | 19.50 | 0.60 | 2.60 | 0.90 | 0.90 | 0.90 | 7.00 | 7.50 | 8.10 | 12 |
| 1.50 | 30/0.25 | 1.64 | 13.30 | 0.60 | 2.90 | 0.90 | 0.90 | 1.00 | 7.60 | 8.10 | 9.00 | 16 |
| 2.50 | 50/0.25 | 2.08 | 7.98 | 0.70 | 3.50 | 1.00 | 1.00 | 1.00 | 9.00 | 9.60 | 10.50 | 22 |
| 4.00 | 56/0.30 | 2.61 | 4.95 | 0.80 | 4.30 | 1.00 | 1.00 | 1.00 | 10.60 | 11.30 | 12.40 | 29 |
| 6.00 | 84/0.30 | 3.50 | 3.30 | 0.80 | 5.10 | 1.15 | 1.15 | 1.40 | 12.60 | 13.40 | 15.20 | 37 |
| 10 | 140/0.30 | 4.60 | 1.91 | 1.00 | 6.60 | 1.40 | 1.40 | 1.40 | 16.00 | 17.00 | 18.80 | 51 |
| 16 | 126/0.40 | 6.00 | 1.21 | 1.00 | 8.00 | 1.40 | 1.40 | 1.40 | 18.80 | 20.10 | 22.20 | 68 |
| 25 | 196/0.40 | 7.60 | 0.78 | 1.20 | 10.00 | 2.00 | 2.00 | 2.00 | 24.00 | 25.60 | 28.20 | 86 |
| 35 | 276/0.40 | 8.70 | 0.554 | 1.20 | 11.10 | 2.00 | 2.00 | 2.00 | 26.30 | 28.00 | 31.00 | 110 |
| 50 | 396/0.40 | 10.60 | 0.386 | 1.40 | 13.40 | 2.00 | 2.00 | 2.00 | 30.90 | 33.00 | 36.50 | 145 |
| 70 | 360/0.50 | 12.30 | 0.272 | 1.40 | 15.10 | 2.00 | 2.00 | 2.40 | 34.20 | 37.00 | 41.00 | 215 |
| 95 | 485/0.50 | 14.70 | 0.206 | 1.60 | 17.90 | 2.20 | 2.40 | 2.40 | 40.20 | 43.50 | 47.80 | 260 |



Note: Supplied in 100 meter lengths with Black Outer Sheath.
Any other colour on specific request can also be supplied.



MULTICORE ROUND FLEXIBLE CABLES (6 CORE TO 19 CORE) GENERALLY AS PER IS : 694/1990

| Area Sq. mm | 0.50 | 0.75 | 1.00 | 1.50 | 2.50 | 4.00 |
|------------------------------------|-------------------------|--------|--------|---------|---------|---------|
| Number / Nominal Dia. of Conductor | 16/0.2 | 24/0.2 | 32/0.2 | 30/0.25 | 50/0.25 | 56/0.30 |
| Conductor Dia in mm | 0.94 | 1.20 | 1.34 | 1.64 | 2.08 | 2.61 |
| Avg. Insulation Thickness in mm | 0.60 | 0.60 | 0.60 | 0.60 | 0.70 | 0.80 |
| Core Dia in mm | 2.20 | 2.50 | 2.60 | 2.90 | 3.50 | 4.30 |
| No. of Cores | | | | | | |
| 6 | Avg Sheath Thickness mm | 0.90 | 1.00 | 1.00 | 1.00 | 1.20 |
| | Approx. Overall Dia mm | 8.50 | 9.50 | 9.80 | 10.70 | 15.30 |
| 7 | Avg Sheath Thickness mm | 0.90 | 1.00 | 1.00 | 1.00 | 1.20 |
| | Approx. Overall Dia mm | 8.50 | 9.50 | 9.80 | 10.70 | 15.30 |
| 8 | Avg Sheath Thickness mm | 1.00 | 1.00 | 1.0 | 1.10 | 1.30 |
| | Approx. Overall Dia mm | 9.30 | 10.40 | 10.70 | 11.90 | 16.90 |
| 10 | Avg Sheath Thickness mm | 1.00 | 1.10 | 1.10 | 1.10 | 1.40 |
| | Approx. Overall Dia mm | 10.80 | 12.20 | 12.60 | 13.80 | 20.00 |
| 12 | Avg Sheath Thickness mm | 1.00 | 1.10 | 1.10 | 1.10 | 1.40 |
| | Approx. Overall Dia mm | 11.20 | 12.60 | 13.00 | 14.30 | 20.70 |
| 14 | Avg Sheath Thickness mm | 1.10 | 1.10 | 1.10 | 1.20 | 1.40 |
| | Approx. Overall Dia mm | 12.00 | 13.30 | 13.70 | 15.20 | 21.80 |
| 16 | Avg Sheath Thickness mm | 1.10 | 1.20 | 1.20 | 1.20 | 1.50 |
| | Approx. Overall Dia mm | 12.60 | 14.20 | 14.60 | 16.00 | 23.20 |
| 19 | Avg Sheath Thickness mm | 1.10 | 1.20 | 1.30 | 1.30 | 1.50 |
| | Approx. Overall Dia mm | 13.20 | 14.90 | 15.60 | 17.10 | 24.50 |
| 24 | Avg Sheath Thickness mm | 1.20 | 1.30 | 1.30 | 1.40 | 1.50 |
| | Approx. Overall Dia mm | 15.60 | 17.60 | 18.20 | 20.20 | 28.80 |



Note: Supplied in 100 meter lengths with Black Outer Sheath.
Any other colour on specific request can also be supplied.