

1.5 SQ MM SOLID COPPER CONDUCTOR PVC INSULATED CONTROL CABLES IS:1554 (P-1)

PRODUCT DETAILS

1.5 sq mm, Copper Conductor, PVC Insulated, Un-armoured / Armoured, PVC Outer Sheath control cable conforming to IS 1554 Part-1 with up to date amendment.

- Solid/Stranded annealed copper conductor & Tinned/Bare
- General Purpose PVC-A/HR PVC-C Insulation
- FR/FRLS/HR/General Purpose PVC ST-1 or 2 inner sheath
- FR/FRLS/HR/General Purpose PVC ST-1 or 2 outer sheath



TECHNICAL SPECIFICATIONS

| MATERIAL | | REF. SPEC |
|--------------|--|---------------|
| Conductor | CU Conductor solid | IS 8130 |
| Insulation | PVC | |
| Core colours | Up to 5 cores by colour coding & more than 5 cores number printing on core | IS 1554 (P-1) |
| Inner Sheath | PVC / PVC tape | IS 1554 (P-1) |
| Outer Sheath | PVC Type ST - 2 | IS 5831 |
| Cable Colour | Black (Options : Any other color as per requirement) | |

1.5 SQ MM SOLID COPPER CONDUCTOR PVC INSULATED ARMoured AND UNARMoured CONTROL CABLES IS:1554(P-1)-1988

| No. Of Cores | Nominal Thickness of insulation | Minimum Thickness of Inner Sheath | ARMoured | | | | UNARMoured | | | CURRENT RATINGS | |
|--------------|---------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------|------------------------|-----------------------------------|---------------------------|------------------------|------------------|--------|
| | | | Nominal Diameter of Armour Wire/Strip | Minimum Thickness of Outer Sheath | Overall Diameter (approx) | Approx Net Wt of Cable | Nominal Thickness of Outer Sheath | Overall Diameter (approx) | Approx Net Wt of Cable | Direct In Ground | In Air |
| | | | | | | | | | | (mm) | (mm) |
| 2 | 0.80 | 0.30 | 1.40 | 1.24 | 13.60 | 415.00 | 1.80 | 11.80 | 185.00 | 23 | 20 |
| 3 | 0.80 | 0.30 | 1.40 | 1.24 | 14.10 | 430.00 | 1.80 | 12.30 | 190.00 | 21 | 17 |
| 4 | 0.80 | 0.30 | 1.40 | 1.24 | 15.00 | 490.00 | 1.80 | 13.50 | 225.00 | 21 | 17 |
| 5 | 0.80 | 0.30 | 1.40 | 1.24 | 16.00 | 545.00 | 1.80 | 14.00 | 260.00 | 16 | 14 |
| 6 | 0.80 | 0.30 | 1.40 | 1.24 | 17.00 | 605.00 | 1.80 | 15.00 | 295.00 | 15 | 13 |
| 7 | 0.80 | 0.30 | 1.40 | 1.24 | 17.00 | 630.00 | 1.80 | 15.00 | 315.00 | 14 | 13 |
| 10 | 0.80 | 0.30 | 1.40 | 1.40 | 21.00 | 835.00 | 1.80 | 18.50 | 425.00 | 13 | 11 |
| 12 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 19.50 | 760.00 | 1.80 | 19.00 | 480.00 | 12 | 10 |
| 14 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 21.00 | 830.00 | 1.80 | 20.00 | 535.00 | 11 | 10 |
| 16 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 21.80 | 920.00 | 1.80 | 20.80 | 595.00 | 11 | 9 |
| 19 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 23.00 | 1040.00 | 2.00 | 22.50 | 720.00 | 10 | 9 |
| 24 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 26.50 | 1250.00 | 2.00 | 26.00 | 880.00 | 9 | 8 |
| 27 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 26.90 | 1355.00 | 2.00 | 26.50 | 960.00 | 9 | 8 |
| 30 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 27.80 | 1430.00 | 2.00 | 27.00 | 1040.00 | 9 | 7 |
| 37 | 0.80 | 0.30 | 4 x 0.8 | 1.40 | 30.00 | 1670.00 | 2.20 | 29.00 | 1230.00 | 8 | 7 |