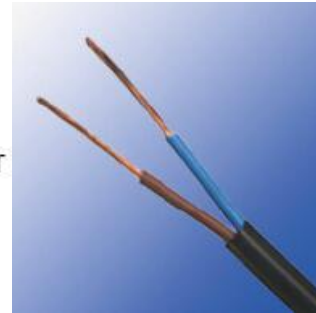
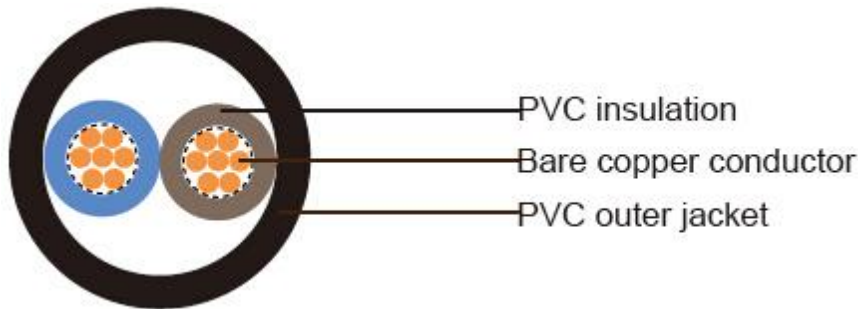


6192Y/ 6193Y to BS 6004

Application and Description

6192Y/ 6193Y to BS 6004 cables are suitable for fixed installation in dry or damp premises on walls, boards or trays, in channels or embedded in plaster. They should be laid in conduit in conduit or trunking where mechanical protection is required.

Cable Construction



Fine bare copper strands

Stranding to BS 6360, IEC 60228 CL-1 or 2

PVC insulation type TI1 to BS 7655

PVC sheath type T6 to BS 7655

Core Identification

2 cores: brown and blue

3 cores: brown, black and grey

Technical Characteristics

Working voltage: 300/500v

Test voltage: 2000 volts

Minimum bending radius: 4xOverall diameter

Operating temperature: -15° C to +70° C

Short circuit temperature: +160° C

Flame retardant: IEC 60332.1

- Insulation resistance: 10 MΩxkm

Cable Parameter

| AWG (No of Strands/ Strand Diameter) | No. of Cores x Nominal Cross Sectional Area #xmm ² | Nominal thickness of insulation mm | Nominal thickness of sheath mm | Nominal overall dimensions | | Nominal Weight kg/km |
|--|--|---|---|----------------------------|-------------------|----------------------------|
| | | | | lower limit mm | upper limit mm | |
| 6192Y | | | | | | |
| 17 | 2 × 1.0 | 0.6 | 0.9 | 3.9x6.1 | 4.8x7.4 | 53 |
| 16 | 2 × 1.5 | 0.7 | 0.9 | 4.4x7.0 | 5.4x8.5 | 70 |
| 14 | 2 × 2.5 | 0.8 | 1 | 5.1x8.4 | 6.2x10.1 | 105 |
| 12(7/20) | 2 × 4 | 0.8 | 1 | 5.7x9.5 | 6.9x11.5 | 150 |

| | | | | | | |
|----------|---------|-----|-----|----------|-----------|-----|
| 10(7/18) | 2 × 6 | 0.8 | 1.1 | 6.4x10.8 | 7.8x13.0 | 205 |
| 8(7/16) | 2 × 10 | 1 | 1.2 | 7.9x13.4 | 9.5x16.2 | 325 |
| 6(7/14) | 2 × 16 | 1 | 1.3 | 8.9x15.4 | 10.8x18.6 | 465 |
| 6193Y | | | | | | |
| 17 | 3 × 1.0 | 0.6 | 0.9 | 3.9x8.4 | 4.8x10.1 | 77 |
| 16 | 3 × 1.5 | 0.7 | 0.9 | 4.4x9.6 | 5.3x11.7 | 100 |
| 14 | 3 × 2.5 | 0.8 | 1 | 5.1x11.6 | 6.2x14.0 | 150 |
| 12(7/20) | 3 × 4 | 0.8 | 1.1 | 5.9x13.5 | 7.1x16.3 | 230 |
| 10(7/18) | 3 × 6 | 0.8 | 1.1 | 6.4x15.1 | 7.8x18.2 | 300 |
| 8(7/16) | 3 × 10 | 1 | 1.2 | 7.9x19.0 | 9.5x23.0 | 485 |
| 6(7/14) | 3 × 16 | 1 | 1.3 | 8.9x21.8 | 10.8x26.3 | 700 |