

DESIGN

Conductor

Bare copper or tinned conductors acc. To CEI 20/29 Class 5, IEC EN 60228 Class 5

Insulation

Silicone Rubber



Cores Colours

2 Cores: Blue, Brown

3 Cores: Green/Yellow, Blue, Brown

4 Cores: Green/Yellow, Brown, Black, Grey

5 Cores: Green/Yellow, Blue, Brown, Black, Grey

5+ Cores: Green/Yellow, Black Numbered

Outer Sheath

Silicone Rubber.

Sheath Colour

White, Grey, Black or Brown/Red

APPLICATIONS

Multicore flexible conductor silicone rubber insulated cable. Good resistance to high and low temperature, weather proof. Cables for static use

CHARACTERISTICS

| | |
|-------------------------------------|--------------------|
| Working Temperature | -60°C up to +180°C |
| Peaks at | 210°C |
| Nominal Voltage | 300/500 V |
| Max temperature at conductor | 90°C |
| Voltage test | 2 kV |
| Halogen free | CEI EN 50363 |

© DIMENSIONS

| Cross Section | Max. over Diam. Of Conductor | Insulation Thickness | Sheath Thickness | Outer Diameter | Max. Resistance Bare Copper (20°C) (Ohm/Km) | Max Resistance Tinned Copper (20°C) (Ohm/Km) |
|--------------------|------------------------------|----------------------|------------------|----------------|---|--|
| (mm ²) | (mm) | (mm) | (mm) | (mm) | | |
| 2x0.50 | 0.21 | 0.60 | 0.70 | 5.40 | 39.00 | 40.10 |
| 3x0.50 | 0.21 | 0.60 | 0.70 | 5.90 | 39.00 | 40.10 |
| 4x0.50 | 0.21 | 0.60 | 0.70 | 6.40 | 39.00 | 40.10 |
| 5x0.50 | 0.21 | 0.60 | 0.80 | 7.30 | 39.00 | 40.10 |
| 2x0.75 | 0.21 | 0.60 | 0.80 | 6.40 | 26.00 | 26.70 |
| 3x0.75 | 0.21 | 0.60 | 0.80 | 6.80 | 26.00 | 26.70 |
| 4x0.75 | 0.21 | 0.60 | 1.00 | 7.80 | 26.00 | 26.70 |
| 5x0.75 | 0.21 | 0.60 | 1.00 | 8.50 | 26.00 | 26.70 |
| 6x0.75 | 0.21 | 0.60 | 1.00 | 9.20 | 26.00 | 26.70 |
| 7x0.75 | 0.21 | 0.60 | 1.00 | 9.20 | 26.00 | 26.70 |
| 2x1 | 0.21 | 0.60 | 0.80 | 6.60 | 19.50 | 20.00 |
| 3x1 | 0.21 | 0.60 | 1.00 | 7.40 | 19.50 | 20.00 |
| 4x1 | 0.21 | 0.60 | 1.00 | 8.00 | 19.50 | 20.00 |
| 5x1 | 0.21 | 0.60 | 1.00 | 8.80 | 19.50 | 20.00 |
| 6x1 | 0.21 | 0.60 | 1.00 | 9.50 | 19.50 | 20.00 |
| 7x1 | 0.21 | 0.60 | 1.00 | 9.50 | 19.50 | 20.00 |
| 2x1.50 | 0.26 | 0.60 | 1.00 | 7.60 | 13.30 | 13.70 |
| 3x1.50 | 0.26 | 0.60 | 1.00 | 8.00 | 13.30 | 13.70 |
| 4x1.50 | 0.26 | 0.60 | 1.00 | 8.80 | 13.30 | 13.70 |
| 5x1.50 | 0.26 | 0.60 | 1.00 | 9.60 | 13.30 | 13.70 |
| 6x1.50 | 0.26 | 0.60 | 1.00 | 10.40 | 13.30 | 13.70 |
| 7x1.50 | 0.26 | 0.60 | 1.00 | 10.40 | 13.30 | 13.70 |
| 2x2.50 | 0.26 | 0.70 | 1.20 | 9.20 | 7.98 | 8.21 |
| 3x2.50 | 0.26 | 0.70 | 1.20 | 9.70 | 7.98 | 8.21 |
| 4x2.50 | 0.26 | 0.70 | 1.20 | 10.60 | 7.98 | 8.21 |
| 5x2.50 | 0.26 | 0.70 | 1.20 | 11.60 | 7.98 | 8.21 |
| 6x2.50 | 0.26 | 0.70 | 1.20 | 12.60 | 7.98 | 8.21 |
| 7x2.50 | 0.26 | 0.70 | 1.20 | 12.60 | 7.98 | 8.21 |
| 2x4 | 0.31 | 0.80 | 1.20 | 10.80 | 4.95 | 5.09 |
| 3x4 | 0.31 | 0.80 | 1.20 | 11.40 | 4.95 | 5.09 |
| 4x4 | 0.31 | 0.80 | 1.50 | 13.10 | 4.95 | 5.09 |
| 5x4 | 0.31 | 0.80 | 1.50 | 14.40 | 4.95 | 5.09 |
| 2x6 | 0.31 | 0.80 | 1.50 | 13.40 | 3.30 | 3.39 |
| 3x6 | 0.31 | 0.80 | 1.50 | 14.20 | 3.30 | 3.39 |
| 4x6 | 0.31 | 0.80 | 1.60 | 16.20 | 3.30 | 3.39 |
| 5x6 | 0.31 | 0.80 | 1.60 | 17.70 | 3.30 | 3.39 |
| 2x10 | 0.41 | 1.00 | 1.60 | 16.50 | 1.91 | 1.95 |
| 3x10 | 0.41 | 1.00 | 1.60 | 17.80 | 1.91 | 1.95 |
| 4x10 | 0.41 | 1.00 | 1.80 | 20.00 | 1.91 | 1.95 |
| 5x10 | 0.41 | 1.00 | 1.80 | 21.60 | 1.91 | 1.95 |
| 2x16 | 0.41 | 1.00 | 1.60 | 19.20 | 1.21 | 1.24 |
| 3x16 | 0.41 | 1.00 | 1.90 | 21.00 | 1.21 | 1.24 |
| 4x16 | 0.41 | 1.00 | 2.00 | 23.40 | 1.21 | 1.24 |
| 5x16 | 0.41 | 1.00 | 2.10 | 26.00 | 1.21 | 1.24 |
| 2x25 | 0.41 | 1.20 | 2.00 | 24.00 | 0.780 | 0.795 |
| 3x25 | 0.41 | 1.20 | 2.10 | 25.70 | 0.780 | 0.795 |
| 4x25 | 0.41 | 1.20 | 2.20 | 28.50 | 0.780 | 0.795 |
| 5x25 | 0.41 | 1.20 | 2.40 | 31.90 | 0.780 | 0.795 |
| 2x35 | 0.41 | 1.20 | 2.10 | 26.60 | 0.554 | 0.565 |
| 3x35 | 0.41 | 1.20 | 2.20 | 28.50 | 0.554 | 0.565 |
| 4x35 | 0.41 | 1.20 | 2.40 | 31.80 | 0.554 | 0.565 |
| 5x35 | 0.41 | 1.20 | 3.00 | 36.40 | 0.554 | 0.565 |

** The product and information presented in this document are for calculation only and subject to technical progress. Outer diameters are approximately **