

Screened Control Cable

Braided Screened Control Cable
EMC compliant screened control cable

RALOS

Construction:

Class 5 fine wire stranding, V-90HT PVC compound comply to AS/NZS3808 insulating material with consecutive numbering with one Green/Yellow earth conductor, V-90HT PVC based inner sheath, high coverage tinned copper braid screen, transparent 90°C PVC oil & chemical resistant sheath, metre marked.

Minimum Bending Radius:

Flexing: 10 x cable diameter
Fixed: 6 x cable diameter

Nominal Voltage:

300/500V

Temperature Range:

Flexing: -15°C to +90°C
Fixed: -40°C to +90°C

Relevant Standard:

AS/NZS1125, IEC60228, AS/NZS3808, IEC60332-1



| Type | Cores x CSA | Conductor Diameter | Insulation Thickness | Insulation Diameter | Cable Diameter | Inner Sheath Thickness | Screen Diameter | Outer Sheath Thickness | Overall Diameter | Approx Weight | 20°C Max. D.C Conductor Resistance |
|-------------|-----------------|--------------------|----------------------|---------------------|----------------|------------------------|-----------------|------------------------|------------------|---------------|------------------------------------|
| Part No. | mm ² | mm | mm | mm | mm | mm | mm | mm | mm | kg/km | Ω/km |
| CC5G0.5CY | 4C0.5+E0.5 | 0.9 | 0.4 | 1.7 | 4.6 | 0.8 | 6.7 | 0.9 | 8.5 | 117 | 39.0 |
| CC7G0.5CY | 6C0.5+E0.5 | 0.9 | 0.4 | 1.7 | 5.1 | 0.8 | 7.2 | 1.0 | 9.2 | 141 | 39.0 |
| CC12G0.5CY | 11C0.5+E0.5 | 0.9 | 0.4 | 1.7 | 7.1 | 0.8 | 9.3 | 1.1 | 11.5 | 216 | 39.0 |
| CC4G0.75CY | 3C0.75+E0.75 | 1.1 | 0.4 | 1.9 | 4.6 | 0.8 | 6.7 | 1.0 | 8.7 | 125 | 26.0 |
| CC5G0.75CY | 4C0.75+E0.75 | 1.1 | 0.4 | 1.9 | 5.1 | 0.8 | 7.2 | 1.0 | 9.2 | 143 | 26.0 |
| CC7G0.75CY | 6C0.75+E0.75 | 1.1 | 0.4 | 1.9 | 5.7 | 0.8 | 7.9 | 1.0 | 9.9 | 173 | 26.0 |
| CC12G0.75CY | 11C0.75+E0.75 | 1.1 | 0.4 | 1.9 | 7.9 | 0.9 | 10.3 | 1.2 | 12.7 | 272 | 26.0 |
| CC18G0.75CY | 17C0.75+E0.75 | 1.1 | 0.4 | 1.9 | 9.5 | 0.9 | 11.9 | 1.4 | 14.7 | 373 | 26.0 |
| CC3G1CY | 2C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 4.5 | 0.8 | 6.6 | 0.9 | 8.4 | 118 | 19.5 |
| CC4G1CY | 3C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 5.1 | 0.8 | 7.2 | 1.0 | 9.2 | 141 | 19.5 |
| CC5G1CY | 4C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 5.7 | 0.8 | 7.9 | 1.0 | 9.9 | 168 | 19.5 |
| CC7G1CY | 6C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 6.3 | 0.8 | 8.5 | 1.1 | 10.7 | 204 | 19.5 |
| CC12G1CY | 11C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 8.7 | 0.9 | 11.1 | 1.3 | 13.7 | 322 | 19.5 |
| CC18G1CY | 19C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 10.5 | 1.0 | 13.1 | 1.5 | 16.1 | 450 | 19.5 |
| CC25G1CY | 24C1.0+E1.0 | 1.3 | 0.4 | 2.1 | 12.6 | 1.0 | 15.4 | 1.6 | 18.6 | 606 | 19.5 |
| CC3G1.5CY | 2C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 5.0 | 0.8 | 7.0 | 1.0 | 9.0 | 144 | 13.3 |
| CC4G1.5CY | 3C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 5.6 | 0.8 | 7.8 | 1.0 | 9.8 | 175 | 13.3 |
| CC5G1.5CY | 4C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 6.2 | 0.8 | 8.4 | 1.1 | 10.6 | 208 | 13.3 |
| CC7G1.5CY | 6C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 6.9 | 0.9 | 9.3 | 1.2 | 11.7 | 261 | 13.3 |
| CC12G1.5CY | 11C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 9.6 | 0.9 | 12.0 | 1.4 | 14.8 | 403 | 13.3 |
| CC18G1.5CY | 17C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 11.5 | 1.0 | 14.3 | 1.6 | 17.5 | 586 | 13.3 |
| CC25G1.5CY | 24C1.5+E1.5 | 1.5 | 0.4 | 2.3 | 13.8 | 1.1 | 16.8 | 1.8 | 20.4 | 785 | 13.3 |
| CC3G2.5CY | 2C2.5+E2.5 | 2.0 | 0.5 | 3.0 | 6.5 | 0.8 | 8.7 | 1.1 | 10.9 | 212 | 7.98 |
| CC4G2.5CY | 3C2.5+E2.5 | 2.0 | 0.5 | 3.0 | 7.3 | 0.9 | 9.7 | 1.2 | 12.1 | 264 | 7.98 |
| CC7G2.5CY | 6C2.5+E2.5 | 2.0 | 0.5 | 3.0 | 9.0 | 0.9 | 11.4 | 1.3 | 14.0 | 356 | 7.98 |