



YCY 0.6/1kV

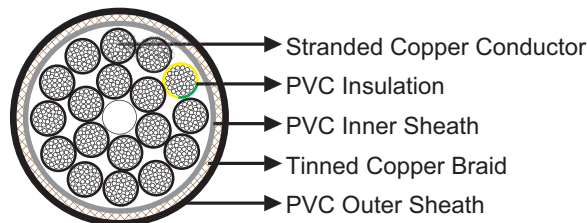
» Application

These screened cables are designed for flexible use for medium mechanical stresses as measuring and control cables in tool machines, conveyor belts, production lines; for plant installations, air conditioning, in steel production plants and rolling mills, suitable for dry, moist and wet rooms as well as outside (fixed installation).

» Standards

DIN VDE 0262/12.95
DIN VDE 0281 part 13

» Construction



Conductor: Stranded bare copper, class 5 according to DIN VDE 0295/IEC60228.

Insulation: PVC Type TI 2

Inner Sheath: PVC.

Screen: Tinned copper braid.

Outer Sheath: PVC Type TM 2.

» Technical Data

| | |
|--------------------------------------|---|
| Rated Voltage U _o /U (Um) | 600/1000V |
| Operating Temperatures | flexing: -5°C~+80°C; fixed: -40°C~+90°C |
| Minimum Bending Radius | flexing: 10×OD; fixed: 5×OD |
| Flame Retardant | VDE 0482-332-1-2/DIN EN 60332-1-2/IEC 60332-1 |
| Oil Resistant | Yes |
| Silicone Free | Yes |
| UV Resistant | Yes |



Control Cable

» Dimensions and Weight

| Construction No. of cores Gmm ² | Nominal Overall Diameter mm | Nominal Weight kg/km |
|---|--------------------------------|-------------------------|
| 2×0.5 | 8.5 | 129 |
| 3G0.5 | 8.8 | 150 |
| 4G0.5 | 9.6 | 170 |
| 5G0.5 | 10.2 | 199 |
| 7G0.5 | 11.1 | 235 |
| 12G0.5 | 14.0 | 320 |
| 18G0.5 | 16.2 | 428 |
| 25G0.5 | 19.2 | 503 |
| 2×0.75 | 8.8 | 143 |
| 3G0.75 | 9.3 | 155 |
| 4G0.75 | 9.9 | 190 |
| 5G0.75 | 10.8 | 228 |
| 7G0.75 | 11.5 | 323 |
| 12G0.75 | 14.6 | 410 |
| 18G0.75 | 17.1 | 560 |
| 25G0.75 | 20.3 | 730 |
| 2×1 | 9.4 | 150 |
| 3G1 | 9.8 | 163 |
| 4G1 | 10.4 | 200 |
| 5G1 | 11.4 | 239 |
| 7G1 | 12.5 | 289 |
| 12G1 | 15.7 | 464 |
| 18G1 | 18.4 | 628 |
| 25G1 | 21.8 | 855 |
| 2×1.5 | 10.4 | 162 |
| 3G1.5 | 11.1 | 187 |
| 4G1.5 | 11.8 | 240 |
| 5G1.5 | 13.1 | 289 |
| 7G1.5 | 14.2 | 383 |
| 12G1.5 | 18.4 | 592 |
| 18G1.5 | 21.5 | 806 |
| 25G1.5 | 25.6 | 1241 |
| 2×2.5 | 11.8 | 272 |
| 3G2.5 | 12.7 | 298 |
| 4G2.5 | 13.8 | 345 |
| 5G2.5 | 15.1 | 427 |
| 7G2.5 | 16.3 | 561 |
| 12G2.5 | 21.3 | 857 |
| 18G2.5 | 25.4 | 1355 |
| 25G2.5 | 30.0 | 1995 |



Caledonian Windmill Cables

Control Cable

| Construction No. of cores Gmm ² | Nominal Overall Diameter mm | Nominal Weight kg/km |
|---|--------------------------------|-------------------------|
| 2×4 | 14.2 | 306 |
| 3G4 | 15.1 | 391 |
| 4G4 | 16.2 | 527 |
| 5G4 | 18.0 | 700 |
| 7G4 | 19.8 | 920 |
| 12G4 | 25.8 | 1510 |
| 2×6 | 15.9 | 420 |
| 3G6 | 16.9 | 629 |
| 4G6 | 18.7 | 731 |
| 5G6 | 20.4 | 1105 |
| 7G6 | 22.2 | 1465 |
| 2×10 | 18.3 | 845 |
| 3G10 | 19.2 | 1125 |
| 4G10 | 21.2 | 1345 |
| 5G10 | 23.2 | 1635 |
| 7G10 | 26.8 | 2210 |
| 2×16 | 22.8 | 1150 |
| 3G16 | 24.7 | 1395 |
| 4G16 | 27.0 | 1870 |
| 5G16 | 30.0 | 2720 |
| 7G16 | 32.2 | 3213 |
| 3G25 | 29.2 | 2465 |
| 4G25 | 32.0 | 2750 |
| 5G25 | 35.7 | 3490 |
| 7G25 | 39.0 | 4980 |
| 3G35 | 32.3 | 3230 |
| 4G35 | 35.8 | 4100 |
| 5G35 | 39.5 | 4950 |
| 3G50 | 39.7 | 4590 |
| 4G50 | 43.4 | 5780 |
| 5G50 | 47.8 | 7210 |
| 3G70 | 44.9 | 5610 |
| 4G70 | 49.1 | 7480 |
| 5G70 | 53.8 | 9390 |
| 3G95 | 49.6 | 8585 |
| 4G95 | 54.1 | 10220 |
| 5G95 | 57.7 | 13800 |
| 3G120 | 51.5 | 11105 |
| 4G120 | 59.4 | 13750 |
| 4G150 | 67.9 | 15990 |
| 4G185 | 74.0 | 18470 |

G: with green-yellow earth core

×: without green-yellow earth core