

Power cable < 1 kV, for fixed installations Jobwire ESUY



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| Application | : Highly flexible hook-up wire with highly stranded cores. |
| TECHNICAL DATA | : TYPE ESUY |
| Remarks | : Highly flexible core construction. For example: 1.5 mm ² = 385 x 0,07 mm bare copper litzes (for comparison: 1.5 mm ² in class 6 = 80 x 0,15 mm. Green RAL 6018/yellow RAL 1021:30%/70%. |
| Number of cores | : 1 |
| Conductor material | : Copper, bare |
| Core insulation material | : Polyvinyl chloride (PVC) |
| Max. conductor temperature | : 70°C |
| Protective conductor | : No |
| Flame retardant | : No |
| Screen | : No |
| Drain wire | : No |
| Suspension element | : None |
| Low temperature resistant (acc. EN 60811-504+505+506) | : No |
| Protective barrier | : None |
| Oil resistant (acc. EN 60811-404) | : No |
| Lead sheath | : No |
| Armouring/reinforcement | : None |
| Material outer sheath | : Polyvinyl chloride (PVC) |
| Permitted cable outer temperature after assembling without vibration | : -30°C to 80°C |
| Halogen free (acc. EN 60754-1/2) | : No |
| Low smoke (acc. BS EN 61034-2) | : No |
| Insulation integrity | : No |
| Permitted cable outer temperature during assembling/handling | : -15°C to 80°C |
| Shape of conductor | : Round |
| Conductor surface | : Bare |
| Twisted cores | : No |
| Specification core insulation | : Other |
| | : No |
| Specification material outer sheath | : Other |
| | : Round |
| Circuit integrity | : None |
| | : No |
| | : No |
| | : No |
| | : No |
| | : No |



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| ProductNr | Dimension | Core identification | Core colour | Colour outer sheath | Nominal voltage U (V) | Outer diameter approx. (mm) | Nominal voltage U0 (V) | (Ohm/km) | Min. permitted bending radius, stationary application/permanent installation (mm) |
|-----------|-----------|---------------------|--------------|---------------------|-----------------------|-----------------------------|------------------------|----------|---|
| 0136123 | 1 x 0.5 | Colour | Blue | Blue | 500 | 2 | 500 | 39 | 12 |
| 0136214 | 1 x 2.5 | Colour | Black | Black | 750 | 2.9 | 750 | 13.3 | 17 |
| 0136101 | 1 x 2.5 | Colour | Black | Black | 750 | 3.8 | 750 | 8 | 23 |
| 0136201 | 1 x 2.5 | Colour | Green/yellow | Other | 750 | 3.8 | 750 | 8 | 23 |
| 0136200 | 1 x 4 | Colour | Red | Red | 750 | 3.8 | 750 | 8 | 23 |
| 0136111 | 1 x 6 | Colour | Black | Black | 750 | 5 | 750 | 5 | 30 |
| 0136103 | 1 x 6 | Colour | Black | Black | 750 | 6.5 | 750 | 3.3 | 39 |
| 0136203 | 1 x 6 | Colour | Green/yellow | Other | 750 | 6.2 | 750 | 3.3 | 39 |
| 0136202 | 1 x 10 | Other | Transparent | Other | 750 | 6.5 | 750 | 3.3 | 39 |
| 0136104 | 1 x 10 | Colour | Black | Black | 750 | 7.5 | 750 | 1.9 | 45 |
| 0136204 | 1 x 16 | Colour | Green/yellow | Other | 750 | 7.5 | 750 | 1.9 | 45 |
| 0136114 | 1 x 16 | Colour | Black | Black | 750 | 9 | 750 | 1.2 | 54 |
| 0136205 | 1 x 25 | Colour | Green/yellow | Other | 750 | 9 | 750 | 1.2 | 54 |