

Power cable < 1 kV, for flexible applications Highflex CY



| | |
|--|--|
| Application | : Flexible cable, copper braided, protects against electromagnetic interference. Suitable for use in cable chains. |
| TECHNICAL DATA | : TYPE CY |
| Remarks | : Please see the special mounting instructions: http://www.jobarco.com/media/content/installation_guide_for_highflex_cables.pdf |
| Conductor material | : Copper, bare |
| Conductor category | : Class 6 = very flexible |
| Stranding element | : No |
| Core insulation material | : Polyvinyl chloride (PVC) |
| Core identification | : Numbers |
| Inner sheath | : No |
| Screen over stranding element | : Other |
| Screen | : Yes |
| Model | : Round |
| Screen over stranding | : Braiding |
| Flame retardant | : In accordance with EN 60332-1-2 |
| Material outer sheath | : Polyvinyl chloride (PVC) |
| Colour outer sheath | : Grey |
| Torsion resistant | : No |
| Halogen free (acc. EN 60754-1/2) | : No |
| Oil resistant (acc. EN 60811-404) | : No |
| Low smoke (acc. BS EN 61034-2) | : No |
| Low temperature resistant (acc. EN 60811-504+505+506) | : No |
| Permitted cable outer temperature during assembling/handling | : -5°C to 70°C |
| Permitted cable outer temperature after assembling without vibration | : -30°C to 70°C |
| Max. conductor temperature | : 70°C |
| Nominal voltage U ₀ | : 300V |
| No. bending cycli | : 2000000 |
| Core protecton | : No |
| Nominal voltage U | : 500V |
| Conductor surface | : Bare |
| | : No |
| | : Round |
| Shape of conductor | : Round |



JOBARCO

| ProductNr | Dimension | Protective conductor | Outer diameter approx. (mm) | Bending radius (mm) |
|------------------|------------------|-----------------------------|------------------------------------|----------------------------|
| 0159504 | 7 x 0.5 | Yes | 9.9 | 74 |
| 0159505 | 12 x 0.5 | Yes | 11.3 | 85 |
| 0159506 | 18 x 0.5 | Yes | 13.5 | 101 |
| 0159515 | 2 x 0.75 | No | 7.4 | 56 |
| 0159521 | 18 x 0.75 | Yes | 15 | 113 |
| 0159534 | 7 x 1 | Yes | 11.5 | 86 |
| 0159537 | 25 x 1 | Yes | 18.7 | 140 |
| 0159553 | 5 x 1.5 | Yes | 11 | 83 |
| 0159554 | 7 x 1.5 | Yes | 12.8 | 96 |
| 0159555 | 12 x 1.5 | Yes | 16 | 120 |
| 0159556 | 18 x 1.5 | Yes | 20 | 150 |
| 0159565 | 3 x 2.5 | Yes | 10.8 | 81 |