

Control cable Kemaflex KVCY Dca



| | |
|---|---|
| Application | : Flexible cable, copper braided with additional inner jacket. Protects against Electro Magnetic Interference. KEMA and VDE approved. |
| TECHNICAL DATA | : TYPE KVCY Dca |
| Standards | : KEMA K176 EN 50525 |
| Remarks | : Flame retardant, oil resistant. |
| Conductor category | : Class 5 = flexible |
| Stranding element | : No |
| Conductor material | : Cu, bare |
| Core insulation | : PVC |
| Core identification | : Numbers |
| Inner sheath | : Yes |
| Screen over stranding element | : None |
| Screen over stranding | : Braiding |
| Material outer sheath | : PVC |
| Colour outer sheath | : Grey |
| Halogen free (acc. EN 60754-1/2) | : No |
| Flame retardant | : In accordance with EN 60332-3-24 |
| Low smoke (acc. EN 61034-2) | : No |
| Low temperature resistant (acc. EN 60811-504+505+506) | : No |
| Oil resistant (acc. EN 60811-404) | : Yes |
| Permitted cable outer temperature, in movement | : -5°C to 80°C |
| Permitted cable outer temperature, fixed | : -30°C to 80°C |
| Nominal voltage U | : 500V |
| Core protecton | : No |
| Euro fire class acc. to EN 13501-6 | : Dca |
| Euro class smoke generation | : s3 (heavy smoke production) |
| Euro class flaming droplets | : d0 (no flaming droplets/particles) |
| Euro class acidity level | : a3 |

| ProductNr | Dimension | Protective conductor | Outer diameter approx. (mm) | Bending radius (mm) |
|-----------|-----------|----------------------|-----------------------------|---------------------|
| 0102302 | 2 x 0,5 | No | 8.2 | 98 |
| 0102304 | 4 x 0,5 | Yes | 9.1 | 109 |
| 0102305 | 5 x 0,5 | Yes | 10 | 120 |
| 0102307 | 7 x 0,5 | Yes | 11.6 | 139 |
| 0102312 | 12 x 0,5 | Yes | 13.7 | 164 |
| 0102402 | 2 x 0,75 | No | 8.6 | 103 |
| 0102403 | 3 x 0,75 | Yes | 9 | 108 |
| 0102404 | 4 x 0,75 | Yes | 9.8 | 118 |
| 0102405 | 5 x 0,75 | Yes | 10.5 | 126 |
| 0102407 | 7 x 0,75 | Yes | 12.5 | 150 |
| 0102408 | 8 x 0,75 | Yes | 13.5 | 162 |
| 0102412 | 12 x 0,75 | Yes | 15 | 180 |
| 0102416 | 16 x 0,75 | Yes | 16.5 | 198 |
| 0102418 | 18 x 0,75 | Yes | 17.4 | 209 |
| 0102420 | 20 x 0,75 | Yes | 18.3 | 220 |
| 0102425 | 25 x 0,75 | Yes | 20.8 | 250 |
| 0102434 | 34 x 0,75 | Yes | 23 | 276 |
| 0102440 | 40 x 0,75 | Yes | 24.9 | 299 |
| 0102450 | 50 x 0,75 | Yes | 27.4 | 329 |
| 0102502 | 2 x 1 | No | 9 | 108 |
| 0102503 | 3 x 1 | Yes | 9.6 | 115 |
| 0102504 | 4 x 1 | Yes | 10.3 | 124 |
| 0102505 | 5 x 1 | Yes | 11.2 | 134 |
| 0102506 | 6 x 1 | Yes | 12 | 144 |
| 0102507 | 7 x 1 | Yes | 13.4 | 161 |
| 0102510 | 10 x 1 | Yes | 15.4 | 185 |
| 0102512 | 12 x 1 | Yes | 16 | 192 |
| 0102518 | 18 x 1 | Yes | 18.4 | 221 |
| 0102524 | 24 x 1 | Yes | 21.6 | 259 |
| 0102536 | 36 x 1 | Yes | 24.6 | 295 |
| 0102548 | 48 x 1 | Yes | 28.4 | 341 |
| 0102602 | 2 x 1,5 | No | 10.2 | 122 |
| 0102603 | 3 x 1,5 | Yes | 10.5 | 126 |
| 0102604 | 4 x 1,5 | Yes | 11.4 | 137 |
| 0102605 | 5 x 1,5 | Yes | 12.7 | 152 |
| 0102607 | 7 x 1,5 | Yes | 15.1 | 181 |
| 0102608 | 8 x 1,5 | Yes | 16.1 | 193 |
| 0102612 | 12 x 1,5 | Yes | 17.9 | 215 |
| 0102618 | 18 x 1,5 | Yes | 21 | 252 |
| 0102625 | 25 x 1,5 | Yes | 25.1 | 301 |
| 0102630 | 30 x 1,5 | Yes | 26.2 | 314 |
| 0102640 | 40 x 1,5 | Yes | 30.7 | 368 |

| ProductNr | Dimension | Protective conductor | Outer diameter approx. (mm) | Bending radius (mm) |
|-----------|-----------|----------------------|-----------------------------|---------------------|
| 0102702 | 2 x 2,5 | No | 11.8 | 142 |
| 0102703 | 3 x 2,5 | Yes | 12.4 | 149 |
| 0102704 | 4 x 2,5 | Yes | 13.8 | 166 |
| 0102705 | 5 x 2,5 | Yes | 15.3 | 184 |
| 0102707 | 7 x 2,5 | Yes | 18.2 | 218 |
| 0102712 | 12 x 2,5 | Yes | 21.8 | 266 |
| 0102718 | 18 x 2,5 | Yes | 25.6 | 307 |