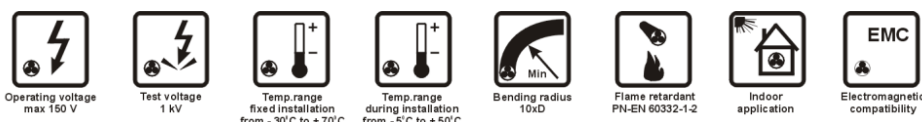


YTDYekw

CABLES FOR ALARM AND SECURITY SYSTEMS



APPLICATIONS

YTDYekw are overall shielded cables intended for low-voltage circuits, such as remote control, signal and data transmission systems. Also suitable for interconnecting wiring in telephony, alarm and security systems.

The cable is protected by an overall electrostatic shield against external electric interferences and prevents emission of interferences produced in the cable.

The cables are suitable for fixed indoor installations.

CONSTRUCTION

- annealed copper single wire round conductors of diameter 0.5 mm,
- PVC insulation - identification colour code in accordance with Technokabel's Identification System (see our *Technical Guide*),
- insulated conductors laid-up into a cable core,
- overall shield incorporating aluminium-polyester tape and annealed tinned copper single drain wire,
- PVC cable sheath, white RAL 9010, other colours also available.

CHARACTERISTICS

| | | | |
|--|------------|--|--------------------------------|
| Conductor diameter | 0.5 mm | Inductance, approximate | 0,7 mH/km |
| DC conductor resistance at 20°C, maximum | 97.8 Ω/km | Operating temperature range during operation | from - 30 to + 70°C |
| Operating voltage | 150 V | during installation | from - 5 to + 50°C |
| Voltage test | | Minimum bending radius | 10 x cable diameter |
| AC voltage for 60s | 1000 V rms | Cable combustibility | flame retardant |
| DC voltage | 1500 V | Combustibility tests | PN-EN 60332-1-2, IEC 60332-1-2 |
| Insulation resistance, minimum | 200 MΩ·km | Reference standards | PN-92/T-90203, PN-92/T-90200 |

CE = the cable meets requirements of the low voltage directive 2014/35/EU

| Product No. | Number of conductors x conductor diameter | Cable outer diameter (appr.) | Copper index | Cable weight (appr.) |
|-------------|---|------------------------------|--------------|----------------------|
| | mm | mm | kg/km | kg/km |
| 0412 001 | 2 x 0,5 | 2.8 | 5.0 | 11.4 |
| 0412 002 | 4 x 0,5 | 3.1 | 8.7 | 16.5 |
| 0412 003 | 6 x 0,5 | 3.6 | 12.5 | 23.0 |
| 0412 004 | 8 x 0,5 | 4.0 | 16.3 | 27.5 |
| 0412 005 | 10 x 0,5 | 4.5 | 20.1 | 33.0 |

| Product No. | Number of conductors x conductor diameter | Cable outer diameter (appr.) | Copper index | Cable weight (appr.) |
|-------------|---|------------------------------|--------------|----------------------|
| | mm | mm | kg/km | kg/km |
| 0412 006 | 12 x 0,5 | 4.6 | 23.8 | 37.5 |
| 0412 007 | 14 x 0,5 | 4.9 | 27.6 | 43.0 |
| 0412 008 | 20 x 0,5 | 5.6 | 38.9 | 58.0 |
| 0412 009 | 30 x 0,5 | 6.5 | 58.0 | 82.0 |

Other diameters and conductor counts available on request.

TECHNOKABEL S.A. reserves the right to change specifications without prior notice.