

YTDY

CABLES FOR ALARM AND SECURITY SYSTEMS

TECHNOKABEL S.A. YTDY 8x0,5


 Operating voltage
max 150 V

 Test voltage
1 kV

 Temp. range
fixed installation
from -30°C to +70°C

 Temp. range
during installation
from -5°C to +50°C

 Bending radius
10xD

 Flame retardant
PN-EN 60332-1-2

 Indoor
application

APPLICATIONS

YTDY are 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 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,
- 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	Operating temperature range 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
0411 002	2 x 0,5	2.7	3.8	9.7
0411 003	4 x 0,5	3.0	7.5	14.8
0411 005	6 x 0,5	3.5	11.3	21.5
0411 009	8 x 0,5	3.9	15.1	26.0
0411 011	10 x 0,5	4.4	18.8	31.5
0411 012	12 x 0,5	4.5	22.6	36.5

Product No.	Number of conductors x conductor diameter	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm	mm	kg/km	kg/km
0411 013	14 x 0,5	4.8	26.3	42.0
0411 014	16 x 0,5	5.0	30.1	49.0
0411 015	18 x 0,5	5.3	33.9	55.0
0411 001	20 x 0,5	5.5	37.6	57.0
0411 016	30 x 0,5	6.4	56.0	81.0

Other diameters and conductor counts available on request.

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