

## 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.

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