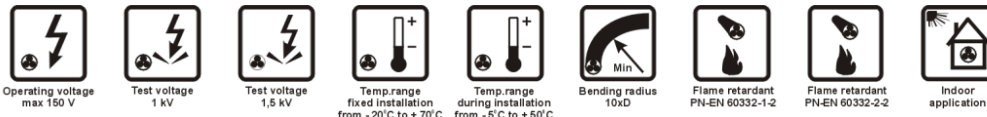


TDY TDYd

HOOK-UP WIRES



APPLICATIONS

TDY and TDYd (with thicker insulation) - are hook-up wires intended for use in remote control, signal and data transmission and industrial data processing systems and computer networks.

Generally, they are designed for control cabinets, electronic devices and others as interconnection cables for electronic modules, equipment and instruments.

CONSTRUCTION

- bare annealed copper single wire conductors (tin-plated on request),
- PVC insulation - identification colour code in accordance with PN-91/T-90206,
- in case of multiwire cables, insulated conductors twisted into pairs, triads or quads.

AVAILABLE UPON REQUEST

TDYc - wires with heat resistant PVC insulation up to 90°C (on request for temperature up to 105°C - TDYc 105°C).

CHARACTERISTICS

Conductor diameter	mm	0.4	0.5	0.6	0.8	1.0
DC conductor resistance at 20°C, maximum	single-wires	144.0	92.0	64.0	36.0	22.8
	multi-wires	148.0	95.0	65.9	36.7	23.3
Voltage test	V rms	1000	1000	1000	1500	1500

Operating voltage	150 V	Minimum bending radius	10 x wire diameter
Insulation resistance, minimum	200 MΩ·km	Wire combustibility	flame retardant
Operating temperature range		Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
for fixed installation	from - 20 to + 70°C		PN-EN 60332-2-2, IEC 60332-2-2
for movable installation	from - 5 to + 50°C	Reference standards	PN-91/T-90200, PN-91/T-90206

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

Product No.	Number of conductors x conductor diameter	Wire outer diameter (appr.)	Copper index	Wire weight (appr.)
	mm	mm	kg/km	kg/km
TDY				
0232 010	1 x 0,5	0.90	1.8	2.4
0232 015	1 x 0,6	1.00	2.7	3.2
0232 007	1 x 0,8	1.60	4.8	6.6
0232 016	2 x 0,5	1.80	3.7	4.8
0232 006	2 x 0,6	2.00	5.4	6.5
0232 004	3 x 0,5	1.95	5.6	7.1

Product No.	Number of conductors x conductor diameter	Wire outer diameter (appr.)	Copper index	Wire weight (appr.)
	mm	mm	kg/km	kg/km
0232 002	1 x 0,5c	0.90	1.8	2.4
0232 009	1 x 0,6c	1.00	2.7	3.2
0232 008	1 x 0,8c	1.60	4.8	6.6
TDYd				
0233 001	1 x 0,5	1.05	1.8	2.8
0233 002	2 x 0,5	2.10	3.7	5.6

c - tinned copper conductor.

Other conductor diameters and conductor counts available on request.
TECHNOKABEL S.A. reserves the right to change specifications without prior notice.

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