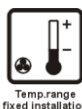
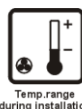


TECHNOFLEKS LiYwYwżo 105°C 0,6/1 kV
TECHNOFLEKS LiYwYw 105°C 0,6/1 kV**CONTROL AND POWER SUPPLY FLEXIBLE CABLES**Operating voltage
0,6/1 kVTest voltage
3,5 kVTemp. range
fixed installation
- 40°C to + 105°CTemp. range
during installation
- 5°C to + 90°CBending radius
7,5xDHigh
flexibilityFlame retardant
PN-EN 60332-1-2Indoor
application**APPLICATIONS**

TECHNOFLEKS LiYwYw 105°C 0,6/1 kV and **TECHNOFLEKS LiYwYwżo 105°C 0,6/1 kV** are flexible heat resistant cables designed for wet or dry locations and intended for control, protection and monitoring systems or power supply, all in power engineering. The cables are also intended for wiring industrial plants, such as production lines, air-conditioning equipment etc.

The cable can be applied at higher operating temperatures up to 105°C due to insulation and sheath made of special heat resistant PVC.

The cables are designed to offer high flexibility combined with tensile strength.

The cables are suitable for indoor installations connecting fixed and movable equipment.

Cable outer sheath is oil-resistant.

CONSTRUCTION

- flexible, multiwire conductors, stranded of bare annealed copper wires (tin-plated on request), meeting requirements of class 5 per PN-EN 60228,
- heat resistant PVC insulation - identification colour code in accordance with Technokabel's Identification System (see our *Technical Guide*),
- insulated conductors laid-up in layers, green-yellow protective conductor located in the outer layer in **TECHNOFLEKS LiYwYwżo 105°C 0,6/1 kV** cable,
- special heat resistant PVC cable sheath, grey (RAL 7001), other colours also available.

TECHNOFLEKS LiYwYwzo 105°C 0,6/1 kV TECHNOFLEKS LiYwYw 105°C 0,6/1 kV

CHARACTERISTICS

Conductor cross-section	mm ²	1.5	2.5	4.0	6.0	10.0
DC conductor resistance at 20°C, maximum	Ω/km	13.3	7.98	4.95	3.30	1.91

Operating voltage U _o /U	0.6/1 kV	Operating temperature range	
Voltage test	3.5 kV rms	for fixed installation	from - 40 to + 105°C
Insulation resistance, minimum	20 MΩ·km	for movable installation	from - 5 to + 90°C
Conductor temperature limit		Minimum bending radius	7.5 x cable diameter
in work conditions	+ 90°C	Cable combustibility	flame retardant
at short-circuit	+ 160°C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
		Reference standards	DIN VDE 0245, DIN VDE 0250, DIN VDE 0281

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

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
1747 008	2 x 1,5	7.2	28.8	79
1747 009	3 x 1,5	7.6	43.2	96
1747 010	4 x 1,5	8.4	57.6	118
1747 011	5 x 1,5	9.2	72.0	146
1747 012	2 x 2,5	8.1	48.0	105
1747 001	3 x 2,5	8.6	72.0	130
1747 013	4 x 2,5	9.4	96.0	159
1747 014	5 x 2,5	10.5	120.0	202
1747 015	2 x 4,0	9.5	76.8	152
1747 002	3 x 4,0	10.3	115.2	195

Product No.	Number of conductors x conductor cross-section	Cable outer diameter (appr.)	Copper index	Cable weight (appr.)
	mm ²	mm	kg/km	kg/km
1747 016	4 x 4,0	11.3	153.6	241
1747 003	5 x 4,0	12.6	192.0	304
1747 004	3 x 6,0	11.5	172.8	262
1747 017	4 x 6,0	12.8	230.4	332
1747 005	5 x 6,0	14.1	288.0	413
1747 006	3 x 10,0	14.5	288.0	437
1747 018	4 x 10,0	15.9	384.0	546
1747 007	5 x 10,0	17.6	480.0	682

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