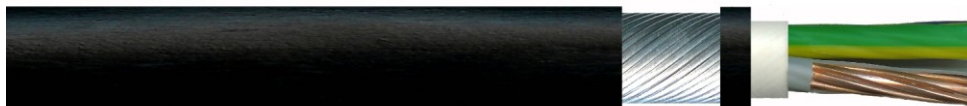


YKSYFoyžo-Nr 0,6/1 kV, YKSYFoy-Nr 0,6/1 kV**PVC INSULATED AND SHEATHED, STEEL WIRE ARMoured AND PVC OVERSHEATHED CONTROL CABLES**Operating voltage
0,6/1 kVTest voltage
4 kVTemp. range
fixed installation
from -30°C to +70°CTemp. range
during installation
from -5°C to +50°CMulticore
12xDFlame retardant
PN-EN 60332-1-2Indoor
applicationOutdoor
application

Direct burial



UV resistance

Mechanical
resistance**APPLICATIONS**

YKSYFoyžo-Nr 0,6/1 kV and **YKSYFoy-Nr 0,6/1 kV** armoured control cables are designed for control, protection and monitoring systems in power engineering, also for electric power distribution.

The cables are suitable for industrial applications, such as production plants or air-conditioning systems operating in dry and wet locations, also for outdoor installations, in cable ducts or for direct earth burial.

Galvanized steel wire armour provides carrying an axial load of the cable during installation and exploitation. It also offers enhanced protection against mechanical damages and rodent attack, as well as shielding properties.

CONSTRUCTION

- bare annealed copper conductors meeting requirements of class 1 per PN-EN 60228 standard,
- black PVC insulation and white conductor number printed on it; a green-yellow protective conductor in the outer layer in **YKSYFoyžo-Nr 0,6/1 kV** cable,
- insulated conductors laid-up in layers,
- PVC cable sheath,
- galvanized steel wire armour,
- black PVC cable covering, other colours also available.

AVAILABLE UPON REQUEST

YKSYFoyžo-Nr-O 0,6/1 kV and **YKSYFoy-Nr-O 0,6/1 kV** - cables designed for frequent contact with petroleum products, as in petrol stations and stores, where engine fuels and lubricants are pumped or handled. The cable sheath is then made of special PVC compound meeting oil resistance requirements of Polish standard PN-EN 60811-404.

XnKSXSFoxn-Nr 0,6/1 kV and **XnKSXSFoxn-Nr 0,6/1 kV** - halogen free cables, applied when higher safety in case of fire is required. The cables are flame retardant, their smoke emission in fire is low and released gases are not corrosive.

YKSYFoyzo-Nr 0,6/1 kV, YKSYFoy-Nr 0,6/1 kV

CHARACTERISTICS

Conductor cross-section	mm ²	1	1,5	2,5	4	6	10	16
DC conductor resistance at 20°C, maximum	Ω/km	18.1	12.1	7.41	4.61	3.08	1.83	1.15

Operating voltage U _o /U	0.6/1 kV	Temperature range	
Voltage test	4 kV rms	during operation	from - 30 to + 70°C
Insulation resistance, minimum	20 MΩ·km	during installation	from - 5 to + 50°C
Conductor temperature limit		Minimum bending radius	12 x cable diameter
in work conditions	+ 70°C	Cable combustibility	flame retardant
in short-circuit	+ 160°C	Combustibility tests	PN-EN 60332-1-2, IEC 60332-1-2
		Reference standards	IEC 60502-1, PN-93/E-90403, PN-HD 603 S1

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
YKSYFoyzo-Nr 0,6/1 kV				
1758 002	7 x 1	13.6	67.2	420
1758 003	10 x 1	16.2	96.0	552
1758 001	12 x 1	16.6	115.2	593
1758 004	14 x 1	17.2	134.4	640
1758 005	16 x 1	17.9	153.6	692
1758 006	19 x 1	18.7	182.4	758
1758 007	24 x 1	22.0	230.4	1064
1758 008	30 x 1	23.2	288.0	1193
1758 009	37 x 1	24.6	355.2	1356
1758 010	48 x 1	27.6	460.8	1635
1758 011	61 x 1	29.6	585.6	1903
YKSYFoyzo-Nr 0,6/1 kV				
1758 012	7 x 1,5	14.4	100.8	484
1758 013	10 x 1,5	17.2	144.0	641
1758 014	12 x 1,5	17.6	172.8	687
1758 015	14 x 1,5	18.3	201.6	745
1758 016	16 x 1,5	19.3	230.4	825
1758 017	19 x 1,5	20.8	273.6	1037
1758 018	24 x 1,5	23.6	345.6	1254
1758 019	30 x 1,5	24.7	432.0	1414
1758 020	37 x 1,5	26.3	532.8	1616
1758 021	48 x 1,5	29.6	691.2	1968
1758 022	61 x 1,5	32.6	878.4	2499
YKSYFoyzo-Nr 0,6/1 kV				
1758 023	7 x 2,5	15.7	168.0	597
1758 024	10 x 2,5	18.7	240.0	789

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
YKSYFoyzo-Nr 0,6/1 kV				
1758 025	12 x 2,5	19.4	288.0	864
1758 026	14 x 2,5	20.9	336.0	1079
1758 027	16 x 2,5	21.8	384.0	1177
1758 028	19 x 2,5	22.7	456.0	1302
1758 029	24 x 2,5	25.9	576.0	1586
1758 030	30 x 2,5	27.4	720.0	1820
1758 031	37 x 2,5	29.1	888.0	2088
1758 032	48 x 2,5	33.4	1152.0	2739
YKSYFoyzo-Nr 0,6/1 kV				
1758 033	7 x 4	18.3	268.8	811
1758 034	10 x 4	23.3	384.0	1275
1758 035	12 x 4	23.9	460.8	1381
1758 036	14 x 4	24.9	537.6	1509
1758 037	16 x 4	26.0	614.4	1660
YKSYFoyzo-Nr 0,6/1 kV				
1758 038	7 x 6	20.7	403.2	1145
1758 039	10 x 6	25.3	576.0	1552
1758 040	12 x 6	25.9	691.2	1703
1758 041	14 x 6	27.3	806.4	1896
YKSYFoyzo-Nr 0,6/1 kV				
1758 042	7 x 10	23.3	672.0	1537
1758 043	10 x 10	28.7	960.0	2106
YKSYFoyzo-Nr 0,6/1 kV				
1758 044	7 x 16	26.0	1075.2	2042
1758 045	10 x 16	33.1	1536.0	3026

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