

DESIGN

Conductor

Copper conductor, Solid (Class 1) / Stranded (Class 2)

Insulation

XLPE Insulation



Core Covering

Common Core Covering

Outer Sheath

PVC Outer Sheath, Fire Retardant, Grey

APPLICATIONS

Power- and control cables for domestic and industrial applications. Suitable in air, ducts, pipes and in ground with protection.

TECHNICAL DATA

Nominal Voltage	0.6/1 kV
Max. Conductor Temperature	90°C (250°C during short circuit of max. 5 sec.)
Service Temperature	-20°C to 90°C
Min. Laying Temperature	-5°C
Min. Bending Radius	10 x Cable Diameter
CPR	Dca-s2,d2,a3 acc. to EN 50399, IEC/EN 60332-3-24

DIMENSIONS

Part Numbers	Section (mm ²)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Approx. Weight (Kg/Km)
YK-001	3x1.5	0.7	1.8	10.2	146
YK-002	3x2.5	0.7	1.8	11.1	188
YK-003	3x4.0	0.7	1.8	12.0	246
YK-004	3x6.0	0.7	1.8	13.1	320
YK-005	3x10	0.7	1.8	15.4	487
YK-006	3x16	0.7	1.8	17.8	702
YK-007	3x25	0.9	1.8	21.2	1046
YK-008	3x35	0.9	1.8	23.8	1376
YK-009	3x50	1.0	1.8	25.0	1585
YK-010	3x70	1.1	1.9	28.2	2213
YK-011	3x95	1.1	2.0	31.4	2998
YK-012	3x120	1.2	2.1	34.3	3731
YK-013	3x150	1.4	2.3	38.8	4602
YK-014	3x185	1.6	2.4	43.2	5759
YK-015	3x240	1.7	2.6	48.5	7432

DIMENSIONS

Part Numbers	Section (mm ²)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Approx. Weight (Kg/Km)
YK-016	4x1.5	0.7	1.8	10.9	171
YK-017	4x2.5	0.7	1.8	11.9	222
YK-018	4x4.0	0.7	1.8	12.9	294
YK-019	4x6.0	0.7	1.8	14.1	389
YK-020	4x10	0.7	1.8	16.7	600
YK-021	4x16	0.7	1.8	19.3	872
YK-022	4x25	0.9	1.8	23.2	1314
YK-023	4x35	0.9	1.8	26.0	1729
YK-024	4x50	1.0	1.9	28.6	2096
YK-025	4x70	1.1	2.0	31.7	2927
YK-026	4x95	1.1	2.1	36.1	3976
YK-027	4x120	1.2	2.3	40.1	4967
YK-028	4x150	1.4	2.4	44.9	6103
YK-029	4x185	1.6	2.6	49.6	7652
YK-030	4x240	1.7	2.8	56.1	9874

DIMENSIONS

Part Numbers	Section (mm ²)	Insulation Thickness (mm)	Outer Sheath Thickness (mm)	Outer Diameter (mm)	Approx. Weight (Kg/Km)
YK-031	5x1.5	0.7	1.8	11.8	201
YK-032	5x2.5	0.7	1.8	12.9	265
YK-033	5x4.0	0.7	1.8	14.0	355
YK-034	5x6.0	0.7	1.8	15.3	466
YK-035	5x10	0.7	1.8	18.7	754
YK-036	5x16	0.7	1.8	21.1	1062
YK-037	5x25	0.9	1.8	25.5	1606
YK-038	5x35	0.9	1.8	29.7	2197
YK-039	5x50	1.0	2.0	34.0	3074
YK-040	5x70	1.1	2.1	39.4	4276

** The product and information presented in this document are for calculation only and subject to technical progress.

Outer diameters are approximately **