



Becatech

Interconnective Power



**Aluminim earthing cable
(alu gondkabel)**

Cable Structure :

Conductor: aluminum conductor round(class 2).

Insulation: XLPE.

Bedding: EPDM.

Shield: round copper wire concentric and a counter spiral of copper tape.

Outer sheath: black UV resistant sheath with yellow stripe.

Technical Specification :

Nominal voltage: 0.6/1 kV.

Rated temperature using: -50°C to 90°C.

Rated bending radius: 12 x ϕ .

Difficult flammable according to EN 60332-1-2.

Reaction to fire according to CPR Dca-s2, d0, a3.

Application :

Is often used as a ground cable in agricultural and horticultural project but certainly also in new construction projects, in construction and in non-residential construction.

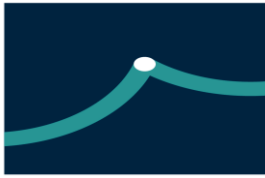
The cable is UV resistant, this makes the cable suitable for above ground use.

Also suitable for use in ladder tracks where local standards allow this.

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VAT BE0777.903.079
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Core x mm ²	Insulation Thickness mm	Bedding Thickness mm	Outer Sheath Thickness mm	Overall Diameter mm	Weight (kg/km)	Max. pulling Force during Installation (kN)
4x10/6	0.7	1.5	1.8	20.3	745	1.70
3x16/10	0.7	1.5	1.8	22.0	735	1.94
4x16/10	0.7	1.5	1.8	23.6	825	2.42
3x25/16	0.9	1.5	1.8	25.4	1000	3.05
4x25/16	0.9	1.5	1.9	27.6	1150	3.80
3x35/16	0.9	1.5	1.9	28.8	1030	3.95
4x35/16	0.9	1.5	2.0	31.3	1225	5.00
3x50/16	1.0	1.5	2.0	32.3	1285	5.30
4x50/16	1.0	1.8	2.1	35.7	1540	6.80
3x70/25	1.1	1.8	2.2	37.1	1715	7.55
4x70/25	1.1	1.8	2.3	40.4	2070	9.65
3x95/35	1.1	1.8	2.3	41.2	2235	10.30
4x95/35	1.1	2.1	2.5	45.8	2715	13.15
3x120/35	1.2	2.1	2.5	45.9	2635	12.55
4x120/35	1.2	2.1	2.6	50.1	3190	16.15
3x150/50	1.4	2.1	2.6	49.8	3105	16.00
4x150/50	1.4	2.1	2.7	54.4	3760	20.50
3x185/70	1.6	2.1	2.8	55.6	3885	20.15
4x185/70	1.6	2.4	3.0	61.5	4735	25.70
3x240/75	1.7	2.4	3.0	62.0	4715	25.35
4x240/75	1.7	2.4	3.2	68.0	5790	32.55
3x300/95	1.8	2.4	3.2	69.3	5300	42.70
4x300/95	1.8	2.4	3.2	75.1	6100	54.70

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