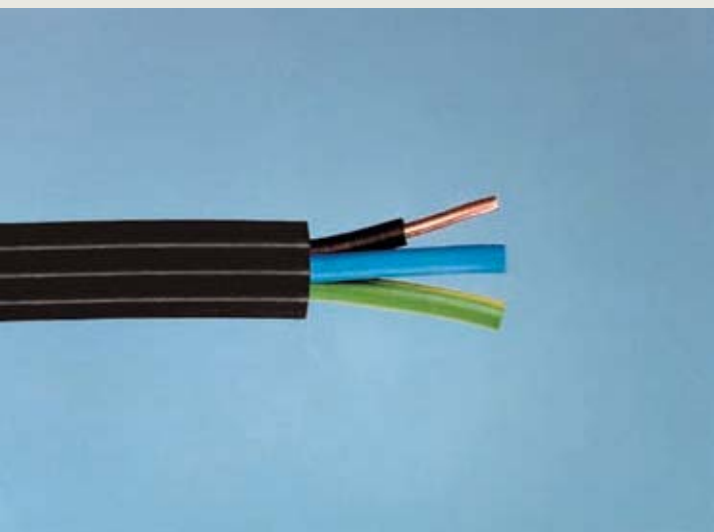


YTBKW

Self-supporting Suspension Wire



Primatec
Sensorer - Kabel



Rated voltage U_0/U 300 / 500 V

YTBKW

- for self-supporting suspension with end grips e.g. for street light pole applications of up to 50 meters slack

Product Description

- single strand blank copper conductor in PVC insulation jacket
- traditional concentric stranding in buffer shield with cable-fill compound
- buffer shield encased in star-shaped black jacket of high-molecular low density polyethylene for excellent mechanical qualities and high resistance to voltage drops and oxidation
- this cable is particularly resistant to degradation by UV and other aggressive compounds in the air.

Advantages

- extremely high electrical insulation value and fault-current resistance
- traditional concentric stranding yields excellent strength and robustness
- Temperature Coefficient of Resistance = $E_t/^\circ\text{C} = 2.3 \times 10^{-4}$
- Faigue Resistance 14 N / mm²
- Yield Strength 8 N / mm²
- Elasticity Module approx. 120 N / mm²

Type J <small>med jordleder</small>	Type O <small>uten jordleder</small>	Betegnelse.	Kobbervekt	Diameter omtrentlig. (mm)	Lengder (m)
Elnummer.	Elnummer.				
1023547	1023556	YTBKW 3x1,5 re	43	10,0	1-500
1023548	1023557	YTBKW 3x2,5 re	72	11,2	1-500
		YTBKW 3x4,0 re	115	11,8	1-500
1023550	1023559	YTBKW 4x1,5 re	58	11,4	1-500
1023551	1023560	YTBKW 4x2,5 re	96	12,1	1-500
1023552	1023561	YTBKW 4x4,0 re	154	14,8	1-500
1023553	1023562	YTBKW 4x6,0 re	230	15,8	1-500
1023554	1023563	YTBKW 5x1,5 re	72	12,4	1-500
1023555	1023564	YTBKW 5x2,5 re	120	13,8	1-500

YTBKW

Self-supporting Suspension Wire Information Sheet

Arranging a Temporary Power Supply - The Mission

Construction sites or storm-damaged main power supply systems need rapid intervention for establishing a provisional power system that gets the power up and running with a minimum of time and effort.

And a provisional system with short run-in time must be based on cables that need no additional suspension components and have high UV and ozone resistance to withstand all weather conditions. Even laying on a provisional power supply from a neighbouring building with the help of underground cable or traditional cable with auxiliary supports is a labour-intensive and costly undertaking.



Advantages of YTBKW

- no need for extra suspension cable
- can be suspended between poles up to 50 meters apart
- installation with clamp grips on pole hooks, no need for other tools
- no need for underground excavation
- extremely rapid installation time
- can be connected to underground supply
- simple by-passing of existing power supply system
- rapid installation on construction sites
- rapid installation even under adverse weather conditions
- resistant to UV and ozone degradation
- easy to dismantle
- can be used again and again

The YTBKW Solution

Self-supporting YTBKW suspension cables mean that a distance of up to 50 meters can now be achieved between two support poles. The high insulation values and high fault-current resistance of YTBKW makes it ideal for applications on both temporary and permanent sites. Its traditional bunch strand construction gives the cable high tensile strength and elasticity whilst its special-grade material construction affords high resistance to UV, ozone and degradation by other harmful particles in the air. The patented suspension technology means that the YTBKW system can be used again and again.



AKL

Rapid Clamp Grips

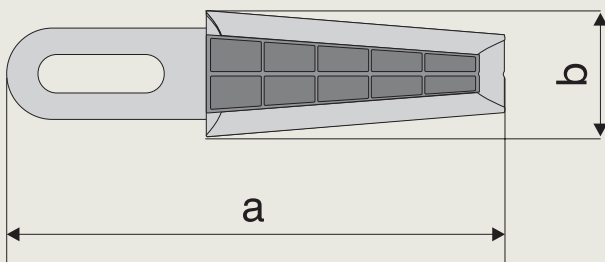


Product Description & Areas of Application

- for applications involving self-supporting GURO special cable YTBKW and for all self-supporting suspension cable
- AKL Rapid Clamp Grips are the convenient and reliable way to mount self-supporting suspension cable from street light poles or the outer walls of buildings
- the AKL Rapid Grip Clamp consists of a zinc-fired steel housing with two conical clamping jaw inserts of polyamide.

Advantages

- the clamping jaws are positioned manually against the conductor for installation and under tensile stress provide a uniform and reliable clamp ensuring that the cable retains its position even under additional stress loads such as wind or ice.



Elnummer	Betegnelse.	Opphengs område (mm to mm)	YTBKW (mm ²)	Dimensjon a (mm)	Dimensjon b (mm)
2865600	AKL1	5,5 - 9,5	3x1,5	190	48
2865601	AKL2	8,5 - 13,5	3x2,5 4x1,5 4x2,5	250	67
2865602	AKL3	12,5 - 17,5	4x4 4x6	300	80
2865603	AKL4	16,5 - 24,0		420	116
2865604	AKL5	22,5 - 32,0		540	150