

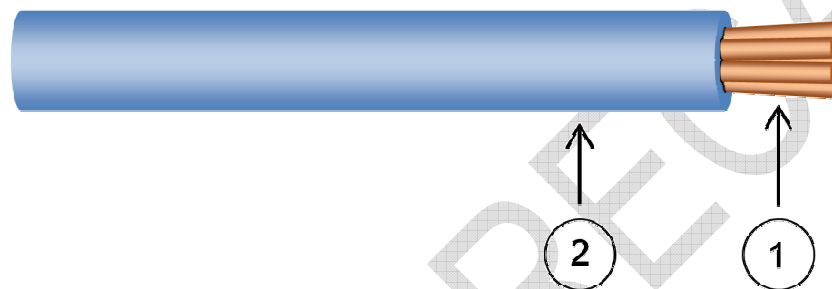
Cables without sheath for fixed installations, high temperature resistant

DESCRIPTION

Single pole rigid conductor of several wires with PVC insulation.
Manufactured according to standard EN 50525-2-31.

TECHNICAL SPECIFICATIONS

1-Conductor:	Bare copper class 2	a/EN 60228
2-Insulation:	PVC compound type T13	a/EN-50363-3
	· Colours: black, blue, brown, grey, orange, pink, red, turquoise, violet, white and green/yellow	



Rated voltage:	450/750 V	
	600/1.000 V	(When these cables are used in fixed installations, with mechanical protection, within the command and control switchgear)
Test voltage:	2.500 V	
Temperature operating:	-15°C to +90°C	a/EN-50525-2-31
	-25°C to +105°C	s/ISO 6722
Maximum short-circuit temperature:	160 °C (max. 5 s)	
Bending radius:	5 Ø	
No flame propagation:	Complies	a/EN 60332-1-2

DATA AND DIMENSIONS

Dimensions and weights are approximates, subject to small variations due to process. Other sizes are possible on request.

Cross Section mm ²	Resistance Ω/km a 20°C	Insulation thickness, mm	Outer Ø mm	Weight Kg/km
1x1.5	12.1	0.7	2.9	21
1x2.5	7.41	0.8	3.6	39
1x4	4.61	0.8	4.2	50
1x6	3.08	0.8	4.6	68
1x10	1.83	1.0	5.8	113
1x16	1.15	1.0	6.8	168
1x25	0.727	1.2	8.4	260
1x35	0.524	1.2	9.6	356
1x50	0.387	1.4	11.3	485
1x70	0.268	1.4	14.0	757
1x95	0.193	1.6	15.8	957
1x120	0.153	1.6	16.2	1141

APLICACIONES

Consult standard HD 512.S2 "Guide to use of low voltage harmonized cables".

Cable similar to THW according to NPT 370-252