



## HT 105° C



Date reviewed : 23/02/2011

Revision Number: 4

Single core PVC cables

Flexible single-core PVC insulated electric cables, sheath-less for in-house networks with a maximum continuous temperature of 105° C.

### Technical data

<b>Voltage U<sub>0</sub> / U</b>	300/500 V sect. 0,50-1,00 450/750 V sect. > 1,5
<b>Applications / Terms of use</b>	For internal networks, not suitable for permanent installations in distribution systems. Not usable with temperatures higher than 105° C.
<b>Type electric conductor</b>	Flexible red copper
<b>Type of insulation</b>	T13
<b>Sheath color</b>	On demand (one or two colours)
<b>Operating temperature</b>	105° C on the conductor
<b>Short circuit temperature</b>	160° C on the conductor max 5 seconds
<b>Cable marking</b>	HT 105° C
<b>Minimum bending radius</b>	6 times the max outer diameter.

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## Technical data

Section (mm <sup>2</sup> )	Diameter capillary (mm)	Wire size (mm)	Average thickness of insulation (mm)	Maximum outside diameter (mm)	Electrical resistance (MΩ-km a 20°C)	Average weight (kg/km)	Factor cu (kg/km)
1x0,50	0,21	0,90	0,6	2,2	39,0000	8,00	4,80
1x0,75	0,21	1,10	0,6	2,4	26,0000	12,00	7,20
1x1,00	0,21	1,20	0,6	2,5	19,5000	14,00	9,60
1x1,50	0,26	1,20	0,7	2,7	13,3000	20,00	14,40
1x2,50	0,26	1,50	0,8	3,2	7,9800	32,00	24,00
1x4,00	0,31	2,40	0,8	4,1	4,9500	48,00	38,40
1x6,00	0,31	3,00	0,8	4,7	3,3000	67,00	57,60
1x10,00	0,41	4,00	1,0	6,2	1,9100	119,00	96,00
1x16,00	0,41	5,20	1,0	7,4	1,2100	187,00	153,60
1x25,00	0,41	6,50	1,2	9,1	0,7800	265,00	240,00
1x35,00	0,41	7,70	1,2	10,3	0,5540	370,00	336,00