

## DESIGN

### Conductor

Bare Copper, class 5 (flexible)

### Insulation

PVC Insulation



## APPLICATIONS

For laying in pipes on top of or under plaster and in closed installation ducts and for internal wiring of machinery, switchgear and distributor systems. The cable is not suitable for direct laying under plaster.

## CHARACTERISTICS

<b>Nominal Voltage U<sub>0</sub>/U</b>	450/750 V
<b>Test Voltage</b>	2.5 kV
<b>Loop Resistance</b>	78.4 Ohm/km
<b>Maximum Operating Capacity</b>	100 nF/km
<b>Max. Temperature at Conductor</b>	70°C
<b>Permitted Outer Cable Temperature</b>	Fixed: -5°C to 70°C, Moved: 5°C to 70°C
<b>Bending Radius</b>	Fixed: 4 x Cable Diameter
<b>Flame Retardant</b>	VDE 0482-332-1 / IEC 60332-1-2
<b>CPR</b>	Eca
<b>Standard</b>	EN 50525-2-31

## © DIMENSIONS

Section	Conductor Diameter	Conductor Resistance	Insulation Thickness	Ampacity in Air 30°C	Beding Radius, Fixed	Outer Diameter	Approx. Weight
(mm <sup>2</sup> )	(mm)	(Ohm/km)	(mm)	(A)	(mm)	(mm)	(Kg/Km)
1x2.5	2.6	7.98	0.8	32	13.6	3.4	32
1x4.0	3.2	4.95	0.8	42	15.6	3.9	46
1x6.0	3.9	3.3	0.8	54	18	4.5	65
1x10	5.1	1.91	1	73	17.4	5.8	115
1x16	6.3	1.21	1	98	21	7	170
1x25	7.8	0.78	1.2	129	34	8.5	260
1x35	9.2	0.554	1.2	158	39.2	9.8	360
1x50	11	0.386	1.4	198	46.4	11.6	515
1x70	13.1	0.272	1.4	245	53.2	13.3	710
1x95	15	0.206	1.6	292	61.2	15.3	940
1x120	17	0.161	1.6	344	67.6	16.9	1180
1x150	19	0.129	1.8	391	75.2	18.8	1600
1x185	21	0.106	2	448	84	21	2100
1x240	24	0.0801	2.2	528	96	24	3015

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