

PVC INSULATED NON SHEATHED SINGLE CORE FLEXIBLE CABLES

VOLTAGE RATING : 300/500 V (Size up to & including 1 mm²)

VOLTAGE RATING : 450/750 V (Size above 1 mm² To 35 mm²)

- ➔ Type HO7V2 - K, HO5V2 - K
- ➔ Specification BS EN 50525-2-31
- ➔ Construction Plain annealed copper conductor class 5 as per IEC 60228
- ➔ Insulation PVC type: Heat Resistant 85° C, 90°C, 105°C
- ➔ Application These cables are intended for drawing into trucking and conduit inside appliances and switchgear.
- ➔ Colours As per customer's requirement.

Conductor Nominal cross sectional area	Radial thickness of Insulation	Overall Diameter Max.	Approximate weight of cable
mm ²	mm	mm	Kg/km
0.50	0.6	2.5	11
0.75	0.6	2.7	14
1.0	0.6	2.8	17
1.5	0.7	3.4	21
2.5	0.8	4.1	32
4.0	0.8	4.8	47
6.0	0.8	5.3	67
10	1.0	6.8	115
16	1.0	8.1	180
25	1.2	10.2	285
35	1.2	11.7	380

PVC INSULATED NON SHEATHED SINGLE CORE FLEXIBLE CABLES

VOLTAGE RATING : 450/750 V

SI.NO.	Sizes	Voltage Rating
1	1C x 0.50 mm ² to 1.0 mm ²	300/500 V
2	1C x 1.50 mm ² to 240 mm ²	450/750 V

- ➔ Type HO5V-K, HO7V-K
- ➔ Specification BS EN 50525-2-31
- ➔ Construction Plain annealed copper conductor class 5
- ➔ Application For installations in channels with cover and for fixed protected installation in or on lighting fittings and inside appliances, with gear and controller.
- ➔ Insulation (PVC TI - 1) as per BS EN 50363 - 3
- ➔ Packing Hot shrink packing or cardboard spools for sizes from 0.5 mm² to 6 mm² in plywood reels /wooden drums for sizes 10 mm² and 240 mm²
- ➔ Packing Length 100 Yards, 100 Meters, or longer length on request.

Nominal Cross Section Area of the Conductor	Radial Thickness of Insulation	Overall Dia Max.	Conductor Resistance at 20°C Max	Insulation Resistance at 70°C Min	Approximate weight of cable
mm ²	mm	mm	Ω/km	MΩ.km	Kg/km
0.5	0.6	2.5	39.0	0.013	11
0.75	0.6	2.7	26.0	0.011	14
1.0	0.6	2.8	19.5	0.010	17
1.5	0.7	3.4	13.3	0.010	21
2.5	0.8	4.1	7.98	0.0095	32
4.0	0.8	4.8	4.95	0.0078	47
6.0	0.8	5.3	3.30	0.0068	67
10	1.0	6.8	1.91	0.0065	115
16	1.0	8.1	1.21	0.0053	180
25	1.2	10.2	0.780	0.0050	285
35	1.2	11.7	0.554	0.0043	380
50	1.4	13.9	0.386	0.0042	500
70	1.4	16.0	0.272	0.0036	710
95	1.6	18.2	0.206	0.0036	980
120	1.6	20.2	0.161	0.0032	1200
150	1.8	22.5	0.129	0.0032	1450
185	2.0	24.9	0.106	0.0032	1800
240	2.2	28.4	0.0801	0.0031	2370