

Application:

Harmonized cable is a medium duty flexible PVC insulated electrical cable commonly used in devices such as computers and office equipment, medical devices, heaters, cooking/baking/frying equipment, kitchen utensils, medical devices, and other medium duty electrical or electronic equipment designed for use.

Applicable Standards:

Flexible cables 600/1000 V are designed and tested to according to IEC60502-1 standards. However, can also supply a range of alternative designs to meet customer-specified requirements.

Construction:

Conductor

Flexible annealed copper conductor class 5 according to IEC 60228

Insulation

Solid extruded PVC insulation with rating 70 °C at normal operation according to as per IEC 60502-1 type PVC/A

Assembly:

The insulated cores are uniformly twisted together to form the cable core.

Core colors:

Standard core color will be as follow:

Two cores	:	Red and Black
Three cores	:	Red, Yellow and Blue
Four cores	:	Red, Yellow, Blue and Black

Sheath:

Solid extruded PVC with temperature rating 80 °C at normal operation applied over the laid up assembled cores according to IEC 60502-1 type ST1.

Flame retardancy:

Flexible cables 600/1000 V have been tested and approved with the flame performance standards according to IEC60332-1-2.

Packing:

Available in standard length of 1000 meters on wooden drum
(Other lengths are available upon request)

Marking:

Flexible cables 3*2.5 mm² CU/PVC/PVC 600/1000 V iec60502-1



Multicores Flexible Copper Conductor PVC Insulated and PVC Sheathed 600-1000 V

Technical Data:

Number of cores	size	Max. diameter	(ohm/km at 20 °c)	Insulation Thickness	PVC Jacket Thickness	Nominal Outer Diameter	Approx.Net Weight	Current Carry Capacity at 30C ambient temperature		Ordering Information
No.	(MM2)	(MM)	(ohm/km at 20C °c)	(MM)	(MM)	(MM)	(Kg/km)	Ampere Single Phase(AC)	Ampere Three Phase(AC)	Item Code
2	1.5	0.26	13.3	0.8	1.8	9.87	135	17	17	PVV1000FL- 2*1.5
3					1.8	10.37	157	17	17	PVV1000FL- 3*1.5
4					1.8	11.12	188	17	17	PVV1000FL- 2*2.5
2	2.5	0.26	7.98	0.8	1.8	10.73	168	24	20	PVV1000FL- 3*2.5
3					1.8	11.3	200	24	20	PVV1000FL- 4*2.5
4					1.8	12.23	243	24	20	PVV1000FL- 2*4
2	4	0.31	4.95	1	1.8	12.62	241	31	24	PVV1000FL- 3*4
3					1.8	13.34	291	31	24	PVV1000FL- 4*4
4					1.8	14.51	356	31	24	PVV1000FL- 2*6
2	6	0.31	3.3	1	1.8	13.75	302	40	31	PVV1000FL- 2*6
3					1.8	14.56	370	40	31	PVV1000FL- 3*6
4					1.8	15.88	458	40	31	PVV1000FL- 4*6