



## Flexible Flat cable



### Description :

Description	Flat Flexible Wire
Conductor:	Stranded Copper Conductor of Class 5/6 (Flexible)
Insulation:	PVC Compound
Insulation Color	Red, Blue, Yellow/Green or as request
Sheath	PVC Compound
Sheath Color	White, Black
Temperature Range:	-30 - 70°C
Nominal Voltage:	300/500V, 450/750 V
Test Voltage:	2000 V
Minimal Bending Radius:	4D
Standard	IEC 60502

### Application:

Flexible cable for dry areas, used for purposes requiring special flexibility in conditions free of any mechanical stresses. Permitted frequent bending and twisting. Specially suitable for application in small devices with low mechanical loads and for connection of light household devices such as kitchen appliances, desk lamps, ceiling lamps, vacuum cleaners, office machines, radios etc., as long as the cable is adapted to essential specifications of the device



## Technical Data:

Cores/Nor minal Section	Rated Voltage	No of Wires	Insulati on Thickn ess	Sheath Thickne ss	Size		Max.Conductor Resistance at 20°C		Min. Insu lation Resistan ce at 70°C
					( mm )	( mm )	( MΩ.km )	( MΩ.km )	
( mm <sup>2</sup> )	v	n/mm	( mm )	( mm )	( mm )		Copper	Tinned Copper	( MΩ.km )
					Upper	Lowest			
2*0.5	300/500V	16/0.2	0.6	0.9	3.5×5.5	4.2×6.5	38	38.3	0.013
2×0.75	300/500V	24/0.2	0.6	0.9	3.8×5.9	4.6×7.1	24.5	24.8	0.012
2×1.0	300/500V	32/0.2	0.6	0.9	3.9×6.1	4.8×7.4	18.1	18.2	0.011
2×1.5	300/500V	30/0.25	0.7	0.9	4.4×7.0	5.3×8.5	12.1	12.2	0.011
2×2.5	300/500V	49/0.25	0.8	1	5.1×8.4	6.2×10.1	7.41	7.56	0.01
2×4	300/500V	56/0.3	0.8	1	5.6×9.2	6.7×11.1	4.61	4.7	0.0085
2×6	300/500V	84/0.3	0.8	1.1	6.2×10.4	7.5×12.5	3.08	3.11	0.007
2×10	300/500V	80/0.4	1	1.2	7.9×13.4	9.5×16.2	1.83	1.84	0.0065
3*0.5	300/500V	16/0.2	0.6	0.9	3.5×7.2	4.2×9.2	38	38.3	0.013
3×0.75	300/500V	24/0.2	0.6	0.9	3.8×7.9	4.6×9.6	24.5	24.8	0.012
3×1.0	300/500V	32/0.2	0.6	0.9	3.9×8.4	4.8×10.1	18.1	18.2	0.011
3×1.5	300/500V	30/0.25	0.7	0.9	4.4×9.6	5.3×11.7	12.1	12.2	0.011
3×2.5	300/500V	49/0.25	0.8	1	5.1×11.6	6.2×14.0	7.41	7.56	0.01
3×4	300/500V	56/0.3	0.8	1.1	5.8×13.1	7.0×15.8	4.61	4.7	0.0085
3×6	300/500V	84/0.3	0.8	1.1	6.2×14.5	7.5×17.5	3.08	3.11	0.007