



Aluminum Flat Cable



Description :

Description	Aluminum Flat Cable
Conductor:	Aluminum Conductor of Class 1/2 (Solid)
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
Test Voltage:	2000 V
Minimal Bending Radius:	6D
Standard	JB8734.2

Application :

This product applies to electrical appliances, instrument and telecommunication device with rated voltage up to and including 300/500V. Maximum temperature allowance when the cables are for long term use : temperature shall not exceed 70°C.



Technical data :

Cores/ Norminal Section	Rated Voltage	No of Wires	Insulation Thickness	Sheath Thickness	Size		Max.Cond uctor Resistanc e at 20°C	Min. Insulation Resistance at 70°C
					(mm)			
(mm ²)			(mm)	(mm)	Upper	Lowest		(MΩ.km)
2×1.5	300/500V	1	0.7	0.9	4.4×7.0	5.3×8.5	-	0.011
2×2.5	300/500V	1	0.8	1	5.1×8.4	6.2×10.1	12.1	0.01
2×4	300/500V	1	0.8	1	5.6×9.2	6.7×11.1	7.41	0.0085
2×4	300/500V	7	0.8	1	5.7×9.5	6.9×11.5	-	0.008
2×6	300/500V	1	0.8	1.1	6.2×10.4	7.5×12.5	4.61	0.007
2×6	300/500V	7	0.8	1.1	6.4×10.8	7.8×13.0	-	0.0065
2×10	300/500V	7	1	1.2	7.9×13.4	9.5×16.2	3.08	0.0065
3×1.5	300/500V	1	0.7	0.9	4.4×9.6	5.3×11.7	-	0.011
3×2.5	300/500V	1	0.8	1	5.1×11.6	6.2×14.0	12.1	0.01
3×4	300/500V	1	0.8	1.1	5.8×13.1	7.0×15.8	7.41	0.0085
3×4	300/500V	7	0.8	1.1	5.9×13.5	7.1×16.3	-	0.008
3×6	300/500V	1	0.8	1.1	6.2×14.5	7.5×17.5	4.61	0.007
3×6	300/500V	7	0.8	1.1	6.4×15.1	7.8×18.2	-	0.0065