

## 450/750v & 0.6/1Kv Copper conductor, PVC insulated and sheathed, flexible cables

This cable is generally used for connecting portable electric apparatus up to 1kv as power source lead wire in factory, mine and farm.



**Standard:** IEC 60227 & ISIRI 607-6 & ISIRI 607-71C & ISIRI 3569-1  
**H07VV-F & H1VV-F**



Nominal Area (mm <sup>2</sup> )	Construction conductor (No-mm)	Insulation thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
4×2	0.30×50	0.8	1.1	10.6	4.95	186	1000
6×2	0.30×75	0.8	1.2	12.0	3.30	251	1000
10×2	0.30×135	1.0	1.35	16.0	1.91	408	1000
16×2	7×(30×0.30)	1.0	1.35	19.0	1.21	643	1000
4×3	0.30×50	0.8	1.2	11.8	4.95	239	1000
6×3	0.30×75	0.8	1.3	13.3	3.30	327	1000
10×3	0.30×135	1.0	1.35	17.0	1.91	544	1000
16×3	7×(30×0.30)	1.0	1.35	19.4	1.21	856	500
4×4	0.30×50	0.8	1.2	13.0	4.95	298	1000
6×4	0.30×75	0.8	1.35	14.7	3.30	407	1000
10×4	0.30×135	1.0	1.35	18.6	1.91	697	1000
16×4	7×(30×0.30)	1.0	1.35	21.3	1.21	992	500
5×4	0.30×50	0.8	1.2	14.1	4.95	366	1000
6×5	0.30×75	0.8	1.35	16.0	3.30	525	1000
10×5	0.30×135	1.0	1.35	20.1	1.91	838	1000
16×5	7×(30×0.30)	1.0	1.35	25.7	1.21	1222	500

**Test voltage:** 3.5 kv/5 min

### 300v, Copper conductor, PVC insulated and sheathed, tow core flexible cables

It is used for wiring of electronic devices and electrical apparatus up to 300v grade



Standard: IEC 60227 & ISIRI 607-52  
H03VVH2-F

Nominal Area (mm <sup>2</sup> )	Construction conductor (No-mm)	Insulation thickness (mm)	Sheath thickness (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
2×0.5	16×0.19	0.5	0.6	39	29.2	100
2×0.75	24×0.19	0.5	0.6	26	37.0	100

Test voltage: 1.5kv/5 min

### 500v, Copper conductor, PVC insulated and sheathed, tow core flexible cables

It is used for wiring of electronic devices and electrical apparatus up to 500v grade



Standard: IEC 60227 & ISIRI 607-53  
H05VVH2-F

Nominal Area (mm <sup>2</sup> )	Construction conductor (No-mm)	Insulation thickness (mm)	Sheath thickness (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
2×1.0	32×0.19	0.6	0.8	19.5	46.5	100
2×1.5	30×0.24	0.7	0.8	13.3	63.8	100
2×2.5	50×0.24	0.8	1.0	7.98	88.2	100

Test voltage: 2kv/5 min

### 300/500v Copper conductor, PVC insulated and sheathed, flexible cables

It is used for indoor distribution line or wiring of electrical apparatus up to 500v grade.



Standard: IEC 60227 & ISIRI 607-5  
H05VV-F

Nominal Area (mm <sup>2</sup> )	Construction conductor (No-mm)	Insulation thickness (mm)	Sheath thickness (mm)	Approx. overall diameter (mm)	Conductor resistance at 20°C (Ω/km)	Approx. cable weight (kg/km)	Standard length (m)
2×0.5	16×0.19	0.6	0.6	5.5	39	49.5	1000
2×0.75	24×0.19	0.6	0.8	6.5	26	55.3	1000
2×1.0	32×0.19	0.6	0.8	6.7	19.5	63.4	1000
2×1.5	30×0.24	0.7	0.8	7.8	13.3	90.0	1000
2×2.5	50×0.24	0.8	1.0	9.6	7.98	135.3	1000
3×0.5	16×0.19	0.6	0.6	5.75	39	57.5	1000
3×0.75	24×0.19	0.6	0.8	6.6	26	65.4	1000
3×1.0	32×0.19	0.6	0.8	7.0	19.5	77.0	1000
3×1.5	30×0.24	0.7	0.9	8.3	13.3	106.0	1000
3×2.5	50×0.24	0.8	1.1	10.3	7.98	174.0	1000
4×0.75	24×0.19	0.6	0.8	7.0	26	74.9	1000
4×1.0	32×0.19	0.6	0.9	7.9	19.5	97.9	1000
4×1.5	30×0.24	0.7	1.0	9.4	13.3	142.7	1000
4×2.5	50×0.24	0.8	1.1	11.3	7.98	212.7	1000
5×0.75	24×0.19	0.6	0.9	8.1	26	97.5	1000
5×1.0	32×0.19	0.6	0.9	8.6	19.5	115.0	1000
5×1.5	30×0.24	0.7	1.1	10.7	13.3	181.6	1000
5×2.5	50×0.24	0.8	1.2	12.5	7.98	249.0	1000

Test voltage: : 2kv/5 min