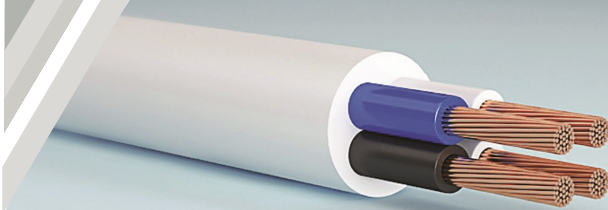


MOUNTING



H05VV-F

Copper multi-core flexible conductor with polyvinylchloride insulation and polyvinylchloride sheath

H05VV-F-FR-LS

The same as PVS , but with low gas and Smoke polyvinylchloride insulation and sheath

STANDARD


EN 50525-2-11-2014

FOREIGN ANALOGUE

ПВС GOST 7399-97
H03 VV-F STANDARD DIN VDE 0281-5

APPLICATION

For the connection of light electrical appliances (table and standing lamps, kitchen appliances, domestic vacuum cleaners, office appliances, radios etc.) at low mechanical stresses in households, kitchens and offices

-  **H05VV-F** - Fire Retardant in single layer
- H05VV-F FR-LS** Fire Retardant in Multi layer



2,0 kv



380 V for system
380/660V



-25°C




+40°C



Bending radius not less
than 10xD of cable



-  - Installation temperature: not less than -15°C.
- The insulation is resistant to cracking: +70°C
- The conductor is resistant to 100% relative air humidity under +35°C.

CONSTRUCTION

The cores are made with twisted multi-wire copper with not less than 5 class flexibility, according to the standard IEC 60228:2004. Section of the conductor core 0,75-16mm²

Number of cores in the conductor 2,3,4,5

THE CONSTRUCTION LENGTH OF THE CABLE

not less than 50m

PACKING On wooden drum or bundles (coils).

LABELING

The insulated cores are made of different colors, an inscription is made on the cover of the conductor "JSC Sakcable" cable brand, year of production, metric.

SERVICE LIFETIME

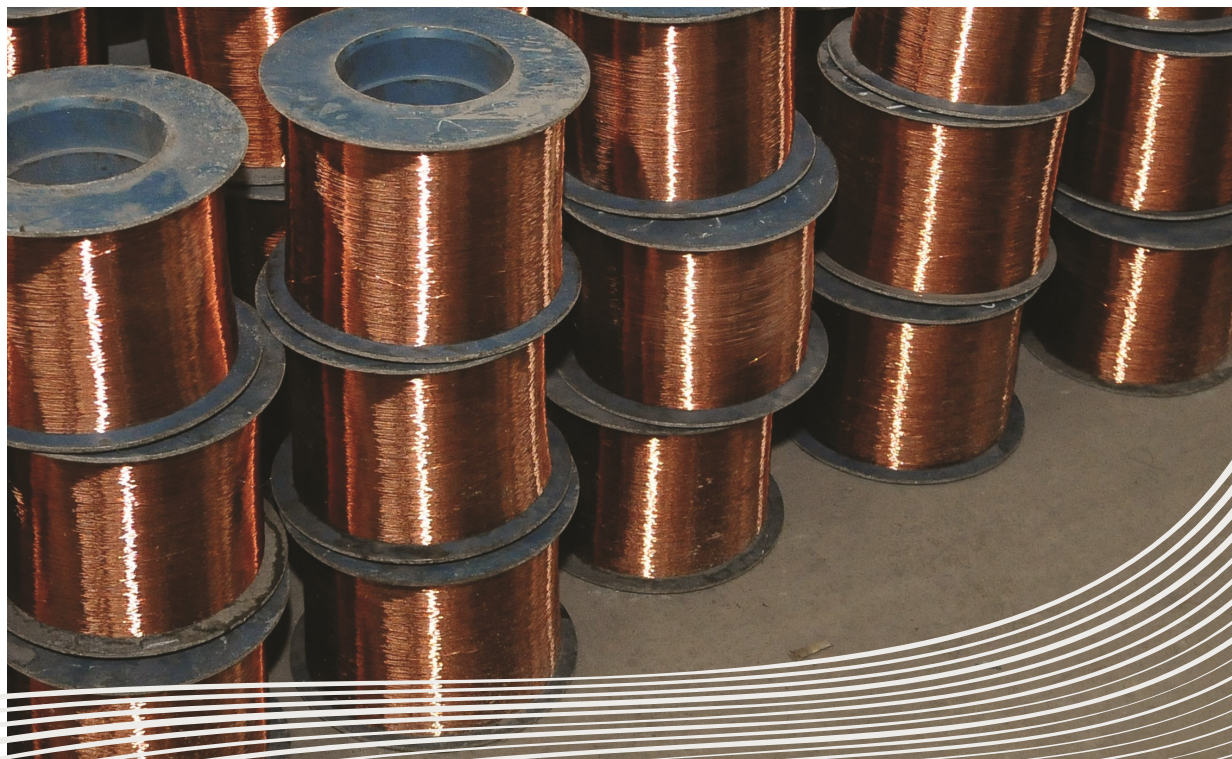
not less than 15 years

WARRANTY PERIOD

2 years after entering into service, in the proper installation and working conditions.

H05VV-F EN 50525

Part name	Conductor resistance [Ω /km]	Ampacity (in air) [A]	Thickness of insulation [mm]	Thickness of sheath [mm]	Outer diameter [mm]	Bending radius [mm]	Copper Weight [kg/km]	Weight [kg/km]
2X0.75	26	6	0.6	0.8	6.20	40	13.8	56.56
2X1.0	19.5	10	0.6	0.8	6.50	40	18.1	63.83
2X1.5	13.3	16	0.7	0.8	7.20	60	26.6	82.31
2X2.5	7.98	25	0.8	1.0	8.50	60	44.2	119.62
2X4.0	6.46	32	0.9	1.1	10.0	60	71.2	173.44
2X6.0	3.30	45	0.9	1.1	11.90	60	106.6	248.07
2X10	1.91	60	1.0	1.20	14.60	60	178	383.36
2X16	1.21	82	1.1	1.20	18.60	60	285	627.66
3X0.75	26	6	0.6	0.8	6.50	40	20.7	67.49
3X1.0	19.5	10	0.6	0.8	6.80	40	27.15	76.99
3X1.5	13.3	16	0.7	0.9	7.80	60	41.1	104.50
3X2.5	7.98	25	0.8	1.10	9.20	60	70	151.94
3X4.0	6.46	32	0.9	1.20	10.70	60	112	222.20
3X6.0	3.30	45	0.9	1.20	12.80	60	168	318.36
3X10	1.91	60	1.0	1.20	15.50	60	280	485.54
3X16	1.21	82	1.1	1.30	20.10	60	448	807.03
4X0.75	26	6	0.6	0.8	7.10	40	28	81.51
4X1.0	19.5	10	0.6	0.9	7.70	40	37	97.19
4X1.5	13.3	16	0.7	1.0	8.70	60	56	131.67
4X2.5	7.98	25	0.8	1.1	10.0	60	93	185.91
4X4.0	6.46	32	0.9	1.30	11.90	60	150	279.72
4X6.0	3.30	45	0.9	1.30	14.20	60	224	401.28
4X10	1.91	60	1.0	1.40	17.40	60	374	621.95
4X16	1.21	82	1.1	1.70	23.00	60	598	1051.57
5X0.75	26	6	0.6	0.90	8.0	40	35	103.63
5X1.0	19.5	10	0.6	0.90	8.33	40	46	118.45
5X1.5	13.3	16	0.7	1.10	9.70	60	70	167.23
5X2.5	7.98	25	0.8	1.20	11.20	60	117	235.13
5X4.0	6.46	32	0.9	1.50	13.50	60	187	355.81
5X6.0	3.30	45	0.9	1.60	16.20	60	280	517.07
5X10	1.91	60	1.0	1.7	19.80	60	467	790.39
5X16	1.21	82	1.1	1.90	25.70	60	747	1305.96



Uninsulated

Self-supporting

Mounting

Power

Control