

# H05VV-F 3183Y PVC Insulated RVV Flexible Electric Cables

## PRODUCTS PICTURES



## MAIN KEYWORDS

RVV, flexible wire, VKF, 3182Y, 3183Y, 3184Y, 3185Y, H03VV-F, H05VV-F, H03V2V2-F, 60227IEC52, 60227IEC53, 60227IEC56, 60227IEC57

## APPLICATION SELLING-POINT

RVV flexible cable, H03VV-F: For mobile use. Use in domestic premises and offices, for light duty applications and appliances (ex. music centers, table and standard lamps, office machines). H05VV-F: For mobile use. Use in domestic premises and offices, for ordinary duty applications and household appliances, including in damp premises (ex. vacuum cleaners, washing machines, spin dryers and refrigerators). Used outdoor for temporary periods of short duration.

## PRODUCTS STRUCTURE

### ---Conductor Material

Plain annealed copper wires, flexible, class 5, and strand.

### ---Insulation Material

PVC (Polyvinyl chloride)

### ---Insulation Color

Brown, blue, yellow/green, red, yellow, green, black, grey, white, or other colors

### ---Sheath Material

PVC (Polyvinyl chloride, optional)

### ---Sheath Color

White, black, or grey

### ---Core Number

2~5C, 2 cores 3 cores, 4 cores, 5 cores.

### ---Voltage Rate ( $U_0/U$ )

300/300V ( $0.5 \sim 1.0 \text{ mm}^2$ ); 300/500V ( $1.5 \sim 6 \text{ mm}^2$ )

### ---Working Temperature

$-10^\circ\text{C} \sim +70^\circ\text{C}$ .

### --- Minimum Bending Radius

8 x Out Diameter

## PRODUCTS STANDARD

JB/T 8734, GB/T 5023, IEC 60227, BS 6500, VDE 0281, BS EN 50525, TIS 11 part 5-2553

## PRODUCTS DELIVERY

Within 5-10 working days as soon as we received the deposit.

## PRODUCTS SPECIFICATION

Cross Section Area (mm <sup>2</sup> )	Conductor Material	Conductor Structure (pcs/mm)	Insulated Thickness (mm)	Sheathed Thickness (mm)	Refer Max. Out Diameter (mm)	Refer Net Weight (kg/km)	MOQ (m)	Packing
2 x 0.5 300/300V	Copper wire	2C 17/0.19	PVC 0.6	PVC 0.8	5.9	37	10000	200m/roll
2 x 0.75 300/300V	Copper wire	2C 25/0.19	PVC 0.6	PVC 0.8	6.3	47	10000	200m/roll
2 x 0.75	Copper wire	2C 25/0.19	PVC 0.6	PVC 0.8	7.2	58	10000	200m/roll
2 x 1.0	Copper wire	2C 34/0.10	PVC 0.6	PVC 0.8	7.5	66	10000	100m/roll
2 x 1.5	Copper wire	2C 50/0.19	PVC 0.7	PVC 0.8	8.6	89	5000	100m/roll
2 x 2.5	Copper wire	2C 84/0.19	PVC 0.8	PVC 1.0	10.6	137	5000	100m/roll
2 x 4	Copper wire	2C 58/0.29	PVC 0.8	PVC 1.1	12.1	173	5000	100m/roll
3 x 0.5 300/300V	Copper wire	3C 17/0.19	PVC 0.6	PVC 0.8	6.3	37	10000	200m/roll
3 x 0.75 300/300V	Copper wire	3C 25/0.19	PVC 0.6	PVC 0.8	6.7	53	10000	200m/roll
3 x 0.75	Copper wire	3C 25/0.19	PVC 0.6	PVC 0.8	7.6	70	10000	200m/roll
3 x 1.0	Copper wire	3C 34/0.19	PVC 0.6	PVC 0.8	8.0	80	10000	100m/roll
3 x 1.5	Copper wire	3C 50/0.19	PVC 0.7	PVC 0.8	9.4	112	5000	100m/roll
3 x 2.5	Copper wire	3C 84/0.19	PVC 0.8	PVC 1.1	11.4	172	5000	100m/roll
3 x 4	Copper wire	3C 58/0.29	PVC 0.8	PVC 1.1	13.1	216	5000	100m/roll
4 x 0.75	Copper wire	4C 25/0.19	PVC 0.6	PVC 0.8	8.3	84	10000	200m/roll
4 x 1.0	Copper wire	4C 34/0.10	PVC 0.6	PVC 0.8	9.0	101	10000	100m/roll
4 x 1.5	Copper wire	4C 50/0.19	PVC 0.7	PVC 0.8	10.5	141	5000	100m/roll
4 x 2.5	Copper wire	4C 84/0.19	PVC 0.8	PVC 1.0	12.5	210	5000	100m/roll
4 x 4	Copper wire	4C 58/0.29	PVC 0.8	PVC 1.1	14.3	265	5000	100m/roll

Cross Section Area (mm <sup>2</sup> )	Conductor Material	Conductor Structure (pcs/mm)	Insulated Thickness (mm)	Sheathed Thickness (mm)	Refer Max. Out Diameter (mm)	Refer Net Weight (kg/km)	MOQ (m)	Packing
5 x 0.75	Copper wire	5C 25/0.19	PVC 0.6	PVC 0.8	9.3	103	10000	200m/roll
5 x 1.0	Copper wire	5C 34/0.10	PVC 0.6	PVC 0.8	9.8	119	10000	100m/roll
5 x 1.5	Copper wire	5C 50/0.19	PVC 0.7	PVC 0.8	11.6	172	5000	100m/roll
5 x 2.5	Copper wire	5C 84/0.19	PVC 0.8	PVC 1.0	13.9	257	5000	100m/roll
5 x 4	Copper wire	5C 58/0.29	PVC 0.8	PVC 1.1	16.1	340	5000	100m/roll

## ELECTRICAL PROPERTIES

Cross Section Area (mm <sup>2</sup> )	Voltage Range (U <sub>0</sub> /U)	Max. DC Conductor Resistance at 20°C (Ω/km)	Min. Insulated Resistance at 70°C (MΩ.km)	Max. Carrying Capacity at 25°C (A)	Remark
2 x 0.5	300/300V	39.0	0.012	10.0	
2 x 0.75	300/300V	26.0	0.010	13.0	
2 x 0.75	300/500V	26.0	0.011	13.0	
2 x 1.0	300/500V	19.5	0.010	16.0	
2 x 1.5	300/500V	13.3	0.010	20.0	
2 x 2.5	300/500V	7.98	0.009	27.5	
2 x 4	300/500V	4.95	0.007	36.0	
3 x 0.5	300/300V	39.0	0.012	7.4	
3 x 0.75	300/300V	26.0	0.011	9.5	
3 x 0.75	300/500V	26.0	0.011	9.5	
3 x 1.0	300/500V	19.5	0.010	11.7	
3 x 1.5	300/500V	13.3	0.010	12.7	
3 x 2.5	300/500V	7.98	0.009	21.0	
3 x 4	300/500V	4.95	0.007	41.0	

Cross Section Area (mm <sup>2</sup> )	Voltage Range (U <sub>0</sub> /U)	Max. DC Conductor Resistance at 20°C (Ω/km)	Min. Insulated Resistance at 70°C (MΩ.km)	Max. Carrying Capacity at 25°C (A)	Remark
4 x 0.75	300/500V	26.0	0.011	10.0	
4 x 1.0	300/500V	19.5	0.010	12.0	
4 x 1.5	300/500V	13.3	0.010	13.0	
4 x 2.5	300/500V	7.98	0.009	21.0	
4 x 4	300/500V	4.95	0.007	36.0	
5 x 0.75	300/500V	26.0	0.011	10.0	
5 x 1.0	300/500V	19.5	0.010	12.0	
5 x 1.5	300/500V	13.3	0.010	13.0	
5 x 2.5	300/500V	7.98	0.009	22.0	
5 x 4	300/500V	4.95	0.007	36.0	

## REMARK

---The information contained within this datasheet is for guidance only and is subject to change without notice or liability.

---All the information is provided in good faith and is believed to be correct at the time of publication.

---When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

---OEM and Small Order will be accepted, please feel free to contact to us immediately.

