

**Code****H03VVH2-F, H05VVH2-F, A05VVH2-F CU/PVC/PVC****Voltage Rating****300/300 V , 300/500 V****Standards****TS EN 50525-2-11
IEC 60228****Special Values
Conductor****Reaction to Fire Classification (CPR)****EN 60332-1-2****Flame Retardant****Conductor****Flexible Copper Conductor (Class 5)****Insulation****PVC (Polyvinyl Chloride)****Filler****-****Armour****-****Sheath****PVC (Polyvinyl Chloride)****Technical Data**

Max. Operating Temperature	:	70°C
Short Circuit Temperature	:	160°C (max.5 sec)
Bending Radius	:	6D (D : Overall Diameter)
Test Voltage	:	300/300 V 1,5 kV , 300/500 V 2 kV

Application**These cables are used in dry places, pipes, flush-mounted or surface-mounted, indoor mobile installation cables in connection or distribution.**

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In Ground at 20°C	In Air at 30°C
2x0,50**	4,9 x 3,1	41,3	1000	39,0	-	3
2x0,75**	5,3 x 3,3	50,8	1000	26,0	-	6
2x0,75	6,1 x 3,9	54,4	1000	26,0	-	6
2x1	6,5 x 4,0	62,5	1000	19,5	-	10
2x1,5*	7,4 x 4,5	80,7	1000	13,3	-	20
2x2,5*	9,1 x 5,5	125,9	1000	7,98	-	27
2x4*	10,3 x 6,2	172,2	1000	4,95	-	34
2x6*	11,8 x 7,2	240,1	1000	3,30	-	-
3x0,75*	8,4 x 3,9	74,9	1000	26,0	-	6
3x1*	8,9 x 4,04	86,7	1000	19,5	-	10
3x1,5*	10,5 x 4,5	119,5	1000	13,3	-	20
3x2,5*	12,8 x 5,7	184,5	1000	7,98	-	27
3x4*	14,5 x 6,4	251,6	1000	4,95	-	34
3x6*	16,4 x 7,2	341,5	1000	3,30	-	-

Note 1:

**** For H03VVH2-F cables**

*** For A05VVH2-F cables**

Note 2:

Current carrying capacities are valid at 30°C ambient temperature