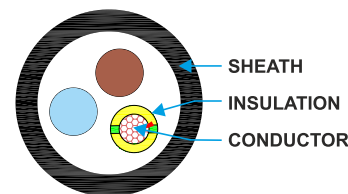
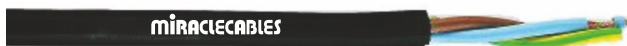




Control Cables

H05VV-F and H07VV-F



Application

These flexible PVC control cables are especially suited to use for the appliance with medium mechanical stresses with free movement without tensile stress in households, kitchens and offices, also for household appliances in damp and wet areas, e.g. refrigerators, washing machines, spin-driver etc., as far as this cable is admitted to the relevant specifications of the equipment.

These cables are suited to be used for cooking and heating apparatus under the condition that cable does not come in direct contact with hot parts of the apparatus and no other influences or heat.

The cables are suitable for fixed installation in furniture, partition walls, decoration covering and in hollow spaces of prefabricated building parts. They are not suitable for use in open air, in industries (also permitted to tailor workshops and of that kind) and in agriculture plants and for connecting commercial electrical tools.

Properties

- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2 / IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free, contain no silicone and are free from substances harmful to the wetting properties of lacquers

Construction

- Bare copper, fine wire conductors bunch stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5, IEC 60228 cl. 5, HD 383
- PVC conductor insulation T12 to DIN VDE 0281 part 1
- Conductors color coded to DIN VDE 0293-308
- Green-yellow grounding, 3 conductors and above
- Conductor stranded in layers with optimal lay-length
- PVC outer jacket, color by request
- PVC outer jacket TM2 to DIN VDE 0281 part 1
- Imprint on the outer jacket: e.g. european VDE HAR H05VV-F

Technical Parameter

- Control cable, special PVC with oil resistant outer jacket to DIN VDE 0281 part 13, HD 21.13S1 and IEC 60227/75
- Temperature range : Flexing, -5°C to +70°C, fixed installation -40°C to +70°C
- Nominal voltage : U0/U 300/500 V
- Test voltage : 2000 V, 5min.
- Breakdown voltage : Min. 4000 V
- Insulation resistance : Min. 20 M ohm x km
- Minimum bending radius : Flexing 7.5x cable dia, fixed installation 4x cable dia, radiation resistance, up to 80x10⁶ cJ/kg



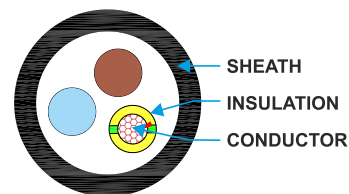
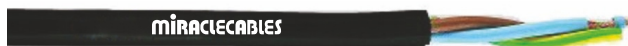
Cable Design Parameters

Part No.	No. core x cross-sec (mm ²)	Outer Diameter (mm)	Weight (kg/km)
0811B020005	H05VV5-F-OZ 2X0.5	5.2-6.6	46
0811B030005X	H05VV5-F 3G0.5	5.5-7.0	54
0811B040005X	H05VV5-F 4G0.5	6.2-7.9	65
0811B050005X	H05VV5-F 5G0.5	6.8-8.6	80
0811B060005X	H05VV5-F 6G0.5	7.6-9.6	104
0811B070005X	H05VV5-F 7G0.5	8.3-10.4	119
0811B080005X	H05VV5-F 8G0.5	8.9-10.8	134
0811B090005X	H05VV5-F 9G0.5	9.7-12.1	136
0811B100005X	H05VV5-F 10G0.5	10.0-12.2	166
0811B120005X	H05VV5-F 12G0.5	10.4-12.9	186
0811B140005X	H05VV5-F 14G0.5	10.8-13.2	215
0811B180005X	H05VV5-F 18G0.5	12.3-15.3	251
0811B250005X	H05VV5-F 25G0.5	15.1-18.8	349
0811B270005X	H05VV5-F 27G0.5	15.1-18.6	373
0811B340005X	H05VV5-F 34G0.5	16.8-20.8	480
0811B360005X	H05VV5-F 36G0.5	17.0-20.9	510
0811B410005X	H05VV5-F 41G0.5	18.2-22.4	570
0811B020007	H05VV5-F-OZ 2X0.75	5.7-7.2	52
0811B030007X	H05VV5-F 3G0.75	6.0-7.6	68
0811B040007X	H05VV5-F 4G0.75	6.6-8.3	82
0811B050007X	H05VV5-F 5G0.75	7.4-9.3	107
0811B060007X	H05VV5-F 6G0.75	8.1--10.1	132
0811B070007X	H05VV5-F 7G0.75	9.0-11.3	145
0811B080007X	H05VV5-F 8G0.75	10.0-12.2	189
0811B090007X	H05VV5-F 9G0.75	10.7-13.4	194
0811B120007X	H05VV5-F 12G0.75	11.0-13.7	231
0811B140007X	H05VV5-F 14G0.75	11.9-14.6	274
0811B180007X	H05VV5-F 18G0.75	13.2-16.4	313



Control Cables

H05VV-F and H07VV-F



Cable Design Parameters

Part No.	No. core x cross-sec (mm ²)	Outer Diameter (mm)	Weight Cable (kg/km)
0811B250007X	H05VV5-F 25G0.75	16.0-19.9	461
0811B270007X	H05VV5-F 27G0.75	16.2-19.9	493
0811B340007X	H05VV5-F 34G0.75	18.0-22.3	614
0811B360007X	H05VV5-F 36G0.75	18.2-22.4	646
0811B410007X	H05VV5-F 41G0.75	19.7-24.1	730
0811B500007X	H05VV5-F 50G0.75	21.9-27.1	896
0811B020010	H05VV5-F-OZ 2X1	5.9-7.8	66
0811B030010X	H05VV5-F 3G1	6.3-8.0	78
0811B040010X	H05VV5-F 4G1	6.9-8.7	104
0811B050010X	H05VV5-F 5G1	7.8-9.8	123
0811B060010X	H05VV5-F 6G1	8.7-10.8	152
0811B070010X	H05VV5-F 7G1	9.5-11.8	183
0811B080010X	H05VV5-F 8G1	10.5-12.9	220
0811B090010X	H05VV5-F 9G1	11.3-14.0	230
0811B120010X	H05VV5-F 12G1	11.8-14.6	269
0811B140010X	H05VV5-F 14G1	12.7-15.6	361
0811B180010X	H05VV5-F 18G1	14.0-17.2	400
0811B190010X	H05VV5-F 19G1	14.3-17.6	413
0811B250010X	H05VV5-F 25G1	16.8-17.6	546
0811B270010X	H05VV5-F 27G1	17.0-21.0	582
0811B340010X	H05VV5-F 34G1	19.2-23.6	724
0811B360010X	H05VV5-F 36G1	19.4-23.8	775
0811B370010X	H05VV5-F 37G1	19.8-24.5	785
0811B410010X	H05VV5-F 41G1	20.8-25.5	822
0811B500010X	H05VV5-F 50G1	22.9-28.0	1052
0811B020015	H07VV7-F-OZ 2X1.5	6.8-8.6	77
0811B030015X	H07VV7-F 3G1.5	7.4-9.4	97
0811B040015X	H07VV7-F 4G1.5	8.2-10.2	128
0811B050015X	H07VV7-F 5G1.5	9.1-11.4	149
0811B060015X	H07VV7-F 6G1.5	10.2-12.6	196
0811B070015X	H07VV7-F 7G1.5	11.3-14.1	216
0811B080015X	H07VV7-F 8G1.5	12.5-15.5	271
0811B090015X	H07VV7-F 9G1.5	12.9-16.1	282
0811B120015X	H07VV7-F 12G1.5	13.8-17.0	324
0811B140015X	H07VV7-F 14G1.5	14.3-18.0	372
0811B180015X	H07VV7-F 18G1.5	16.5-20.3	485
0811B190015X	H07VV7-F 19G1.5	16.2-20.0	495
0811B250015X	H07VV7-F 25G1.5	20.8-25.6	671
0811B270015X	H07VV7-F 27G1.5	20.3-24.9	695
0811B320015X	H07VV7-F 32G1.5	21.4-26.4	820
0811B340015X	H07VV7-F 34G1.5	23.1-28.8	881
0811B360015X	H07VV7-F 36G1.5	23.0-28.2	905
0811B370015X	H07VV7-F 37G1.5	23.0-28.2	920
0811B410015X	H07VV7-F 41G1.5	24.3-29.8	1085
0811B020025	H07VV7-F-OZ 2X2.5	8.4-10.6	110
0811B030025X	H07VV7-F 3G2.5	9.2-11.4	154
0811B040025X	H07VV7-F 4G2.5	10.1-12.5	212
0811B050025X	H07VV7-F 5G2.5	11.2-13.9	242
0811B070025X	H07VV7-F 7G2.5	13.6-16.8	350
0811B080025X	H07VV7-F 8G2.5	14.9-18.7	379
0811B120025X	H07VV7-F 12G2.5	16.8-20.6	543
0811B140025X	H07VV7-F 14G2.5	17.5-22.1	611
0811B180025X	H07VV7-F 18G2.5	20.2-24.8	787
0811B250025X	H07VV7-F 25G2.5	24.6-3.2	1175
0811B270025X	H07VV7-F 27G2.5	24.7-30.2	1280
0811B340025X	H07VV7-F 34G2.5	27.9-34.1	1529
0811B360025X	H07VV7-F 36G2.5	28.0-34.2	1791
0811B410025X	H07VV7-F 41G2.5	30.3-36.9	1905

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