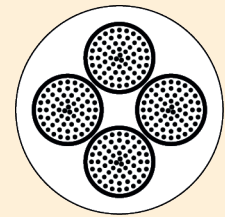


H05VV5-F

Harmonized PVC control cable

RoHS

CROSS SECTION



Acc. to VDE 0285-525-2-51

APPLICATION

Suitable for use in dry and damp rooms, as well as outdoors subject to shielded installation. Not suitable for use in water. Measuring, control and connection cable for all electrical systems subject to low and medium mechanical loads, particularly in industrial areas. For fixed installation and flexible usage in the case of free movement without tension. The cable is oil resistant.

SPECIAL FEATURES

Sheath colour
Grey (RAL 7001) with imprint

STRUCTURE

Design structure according to DIN VDE 0285-525-51

Conductor	Copper conductor, bare, flexible (class 5)
Cores	Insulation made from PVC, compound type Y12, labelling: green and yellow plus digits
Outer sheath	Sheath material made from oil-resistant PVC TM5, grey

TECHNICAL DATA

Nominal voltage	300 V/500 V
Test voltage	2000 V
Conductor temperature	Max. 70°C during operation
Min. bending radius	4 x cable diameter, fixed installation
Temperature range	Moving: -5°C to +70°C Fixed installation: -40°C to +70°C
Flame retardancy	VDE 0482-332-1-2/IEC 60332-1
Oil resistance	EN 60811-2-1

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
H05VV5-F	3G0.5	VDE control cable	14.4	6.3	51	8350080
H05VV5-F	4G0.5	VDE control cable	19.2	6.9	62	8350081
H05VV5-F	5G0.5	VDE control cable	24.0	7.5	75	8350082
H05VV5-F	7G0.5	VDE control cable	33.6	9.2	117	8350083
H05VV5-F	12G0.5	VDE control cable	57.6	11.4	175	8350084
H05VV5-F	18G0.5	VDE control cable	86.4	13.5	250	8350085
H05VV5-F	21G0.5	VDE control cable	100.8	14.9	297	8350086
H05VV5-F	25G0.5	VDE control cable	120.0	16.4	345	8350087
H05VV5-F	3G0.75	VDE control cable	21.6	6.7	60	8350002
H05VV5-F	4G0.75	VDE control cable	28.8	7.4	74	8350003
H05VV5-F	5G0.75	VDE control cable	36.0	8.3	100	8350004
H05VV5-F	7G0.75	VDE control cable	50.4	9.8	140	8350005
H05VV5-F	9G0.75	VDE control cable	64.8	12.4	160	8350006
H05VV5-F	12G0.75	VDE control cable	86.4	13.0	217	8350007
H05VV5-F	15G0.75	VDE control cable	108.0	14.4	255	8350008
H05VV5-F	18G0.75	VDE control cable	129.6	14.5	310	8350009
H05VV5-F	25G0.75	VDE control cable	180.0	18.0	430	8350010
H05VV5-F	34G0.75	VDE control cable	244.8	14.9	297	8350012
H05VV5-F	41G0.75	VDE control cable	295.2	21.5	696	8350014
H05VV5-F	50G0.75	VDE control cable	360.0	23.9	810	8350016
H05VV5-F	3G1	VDE control cable	28.8	7.1	70	8350022
H05VV5-F	4G1	VDE control cable	38.4	8.0	90	8350023
H05VV5-F	5G1	VDE control cable	48.0	9.0	115	8350024
H05VV5-F	7G1	VDE control cable	67.2	10.5	165	8350025
H05VV5-F	9G1	VDE control cable	86.4	12.7	209	8350026
H05VV5-F	12G1	VDE control cable	115.2	13.2	250	8350027
H05VV5-F	14G1	VDE control cable	134.4	14.0	297	8350028
H05VV5-F	18G1	VDE control cable	172.8	16.0	385	8350029
H05VV5-F	25G1	VDE control cable	240.0	19.6	535	8350031
H05VV5-F	32G1	VDE control cable	307.2	21.2	658	8350033
H05VV5-F	34G1	VDE control cable	326.4	22.0	700	8350032
H05VV5-F	41G1	VDE control cable	393.6	22.7	830	8350034
H05VV5-F	50G1	VDE control cable	480.0	26.0	1000	8350035
H05VV5-F	3G1.5	VDE control cable	43.2	7.8	90	8350041
H05VV5-F	4G1.5	VDE control cable	57.6	8.8	125	8350042
H05VV5-F	5G1.5	VDE control cable	72.0	9.6	156	8350043
H05VV5-F	7G1.5	VDE control cable	100.8	11.7	228	8350044
H05VV5-F	9G1.5	VDE control cable	144.0		265	8350045
H05VV5-F	12G1.5	VDE control cable	172.8	14.0	330	8350046
H05VV5-F	14G1.5	VDE control cable	201.6	15.4	390	8350047
H05VV5-F	18G1.5	VDE control cable	259.2	17.0	500	8350048
H05VV5-F	25G1.5	VDE control cable	360.0	20.6	700	8350049
H05VV5-F	32G1.5	VDE control cable	460.8	22.5	880	8350051
H05VV5-F	34G1.5	VDE control cable	489.6	23.0	920	8350050
H05VV5-F	41G1.5	VDE control cable	604.8	26.4	1120	8350052
H05VV5-F	50G1.5	VDE control cable	720.0	27.6	1320	8350053
H05VV5-F	3G2.5	VDE control cable	72.0	9.8	145	8350061
H05VV5-F	4G2.5	VDE control cable	96.0	11.0	198	8350062
H05VV5-F	5G2.5	VDE control cable	120.0	12.0	236	8350063
H05VV5-F	7G2.5	VDE control cable	168.0	14.5	340	8350064
H05VV5-F	12G2.5	VDE control cable	288.0	18.0	535	8350065
H05VV5-F	18G2.5	VDE control cable	432.0	21.6	805	8350066
H05VV5-F	25G2.5	VDE control cable	600.0	26.2	1100	8350067
H05VV5-F	32G2.5	VDE control cable	768.0	27.9	1350	8350068
H05VV5-F	34G2.5	VDE control cable	816.0	28.5	1440	8350069
H05VV5-F	42G2.5	VDE control cable	1008.0	31.6	1753	8350070
H05VV5-F	50G2.5	VDE control cable	1200.0	34.7	2075	8350071