



H05VV5-F 300/500V

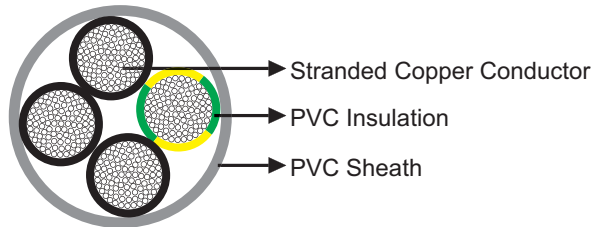
» Application

These cables are used as supply or interconnecting cables for measuring, controlling and regulating for light and medium mechanical stresses.

» Standards

HD 21.13 S1
DIN VDE 0281 Part. 13/5/96

» Construction



Conductor: Stranded bare copper, class 5/class 6 according to IEC 60228.

Insulation: PVC Type YI 4.

Sheath: PVC oil resistant Type YM 5.

» Technical Data

Rated Voltage U ₀ /U (U _m)	300/500 V
Operating Temperatures	flexing: -15°C~+80°C; fixed: -40°C~+80°C
Minimum Bending Radius	flexing: 10×OD; fixed: 6×OD
Flame Retardant	IEC 60332-1
Oil Resistant	Yes
Ozone Resistant	Yes
Silicone Free	Yes



Control Cable

» Dimensions and Weight

Construction	Nominal Overall Diameter	Nominal Weight
No. of cores×mm ²	mm	kg/km
3G0.75	6.5	57
4G0.75	7.0	70
5G0.75	7.8	89
7G0.75	9.4	130
12G0.75	11.5	174
18G0.75	13.8	259
25G0.75	16.8	362
41G0.75	21.5	602
50G0.75	23.6	723
2×1	6.2	54
3G1	6.7	66
4G1	7.5	82
5G1	8.0	105
7G1	9.6	149
12G1	12.3	210
14G1	13.9	267
18G1	14.4	302
25G1	17.5	418
34G1	21.4	622
2×1.5	7.7	75
3G1.5	7.9	93
4G1.5	8.9	117
5G1.5	10.3	143
7G1.5	11.9	220
12G1.5	14.3	292
18G1.5	17.2	435
25G1.5	21.2	620
34G1.5	24.5	842
50G1.5	30.3	1305
3G2.5	9.4	144
4G2.5	10.8	180
5G2.5	11.8	229
7G2.5	14.0	300
12G2.5	17.3	453
18G2.5	20.5	684
25G2.5	25.5	943

G: with yellow/green earth core

×: without yellow/green earth core