

Flexible Control Cables

RoHS



KIFLEX SVV

E 150633 AWM 2464 80°C 300V VW-1 AWM I/II A/B 80°C 300V
FT1 KIFLEX SVV 5C x 10mm² KWANGIL RoHS = M =

Bare Anneal Copper / Color Core PVC Insulation / PVC Control Cable

Construction

Conductor	Bare copper strands acc. to DIN VDE 0295 class 5 + IEC 60228 class 5 + HD 383 class 5
Insulation	Special Poly Vinyl Chloride / VDE 0207 part 4
Core code	Colored acc. to DIN VDE 0293 + HD 186 : Green - Yellow earth wire from 3 cores
Stranding	in layers
Sheath	Poly Vinyl Chloride, acc. to DIN VDE 0207
Sheath Color	Grey (RAL 7001)

No. of Cores x cross section (No. / mm ²)	Largest Single Wire (mm)	Outer - Ø ± 5% (mm)	Copper Figure (kg/km)	Cable Weight (kg/km)
2 x 0.50	0.21	4.8	9.6	33
3 x 0.50	0.21	5.1	14.4	40
4 x 0.50	0.21	5.5	19.2	47
5 x 0.50	0.21	6.2	24.0	61
7 x 0.50	0.21	6.7	33.6	74
2 x 0.75	0.21	5.6	14.4	46
3 x 0.75	0.21	5.7	21.6	52
4 x 0.75	0.21	6.2	28.8	64
5 x 0.75	0.21	6.7	36.0	78
7 x 0.75	0.21	7.5	50.4	100
2 x 1.00	0.21	5.5	19.2	48
3 x 1.00	0.21	6.1	28.8	63
4 x 1.00	0.21	6.5	38.4	75
5 x 1.00	0.21	7.1	48.0	92
7 x 1.00	0.21	8.0	67.2	120
2 x 1.50	0.26	6.2	28.8	64
3 x 1.50	0.26	6.5	43.2	79
4 x 1.50	0.26	7.6	57.6	103
5 x 1.50	0.26	8.0	72.0	121
7 x 1.50	0.26	4.8	100.8	160
2 x 2.50	0.26	8.8	48.0	121
3 x 2.50	0.26	9.5	72.0	151
4 x 2.50	0.26	10.6	96.0	190
5 x 2.50	0.26	11.6	120.0	232
7 x 2.50	0.26	12.8	168.0	297
3 x 4.00	0.31	10.8	115.2	213
4 x 4.00	0.31	12.0	153.6	267
5 x 4.00	0.31	13.1	192.0	327
2 x 6.00	0.31	11.2	115.2	239
3 x 6.00	0.31	12.7	172.8	303
4 x 6.00	0.31	14.1	230.4	381
5 x 6.00	0.31	15.7	288.0	466
7 x 6.00	0.31	17.3	403.2	613
3 x 10.0	0.41	15.8	288.0	492
4 x 10.0	0.41	17.8	384.0	627
5 x 10.0	0.41	19.7	480.0	783
4 x 16.0	0.41	21.1	614.4	935
4 x 25.0	0.41	25.5	960.0	1456
4 x 35.0	0.41	28.8	1344.0	1978

Technical Data

Nominal Rating	0.5mm ² ~ 1.5mm ² : U ₀ /U 300/500V 2.5mm ² ~ 50mm ² : U ₀ /U 450/750V
Testing Voltage	C / C 400V
Min. bending radius	
Fixed laying	4 X d
Flexible application	15 X d
Temperature range	
fixed laying	-30°C ~ +70°C
flexible application	-5°C ~ +70°C
Fire performance	Flame retardant and self - extinguishing Acc. 10 IEC
Oil Resistance	Acc. to internal standard

All measure have tolerances. (Tolerance of external diameter : ± 5% less / Tolerance of thickness : ± 15% less)
Manufacture SQ Size : 0.5mm² ~ 35mm²