

KIFLEX SVV - SB

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

Bare Anneal Copper / Numbering Core PVC Insulation / PS Taping / Tinned Copper Screen / 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	Black cores with consecutive numbers Acc. to DIN VDE + HD 186; Green - Yellow earth wire form 3 cores
Stranding	in layers
Wrapping	PETP foil
Screen	Tinned copper braiding
Sheath	Poly Vinyl Chloride, VDE 0207 part 5
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)
3 x 0.50	0.21	5.6	30.7	47
4 x 0.50	0.21	6.2	48.0	59
5 x 0.50	0.21	6.7	55.9	71
7 x 0.50	0.21	7.2	71.1	84
10 x 0.50	0.21	9.3	98.1	124
12 x 0.50	0.21	9.6	108.1	140
18 x 0.50	0.21	11.4	143.3	214
25 x 0.50	0.21	13.8	189.7	284
40 x 0.50	0.21	16.8	299.4	452
2 x 0.75	0.21	5.7	31.1	46
3 x 0.75	0.21	6.4	50.6	62
4 x 0.75	0.21	6.7	61.1	73
5 x 0.75	0.21	7.2	73.7	87
7 x 0.75	0.21	8.0	89.0	112
10 x 0.75	0.21	10.1	127.4	157
12 x 0.75	0.21	10.8	142.4	195
18 x 0.75	0.21	12.6	197.9	275
25 x 0.75	0.21	15.2	284.6	371
32 x 0.75	0.21	16.7	358.2	477
40 x 0.75	0.21	18.5	422.5	589
3 x 1.00	0.21	6.6	58.2	69
4 x 1.00	0.21	7.1	75.7	86
5 x 1.00	0.21	7.8	86.1	103
7 x 1.00	0.21	8.5	108.2	130
10 x 1.00	0.21	11.1	152.2	201
12 x 1.00	0.21	11.8	172.1	237
18 x 1.00	0.21	13.6	242.1	331
25 x 1.00	0.21	16.5	346.5	465
32 x 1.00	0.21	17.8	437.3	574
40 x 1.00	0.21	19.9	521.3	710
2 x 1.50	0.26	7.1	60.7	72
3 x 1.50	0.26	7.5	80.5	91
4 x 1.50	0.26	8.0	95.6	111
5 x 1.50	0.26	8.5	113.2	132
7 x 1.50	0.26	9.7	151.2	175
10 x 1.50	0.26	12.3	202.8	261
12 x 1.50	0.26	13.3	240.8	309
18 x 1.50	0.26	15.0	362.3	432
25 x 1.50	0.26	18.2	492.1	611
32 x 1.50	0.26	19.7	597.7	756
3 x 2.50	0.26	9.0	113.0	135
4 x 2.50	0.26	9.7	146.2	167
5 x 2.50	0.26	11.0	175.0	217
7 x 2.50	0.26	12.1	225.1	284
10 x 2.50	0.26	15.7	342.7	434
12 x 2.50	0.26	16.4	392.0	490
18 x 2.50	0.26	19.3	564.1	712
25 x 2.50	0.26	23.4	770.1	959
34 x 2.50	0.26	26.3	997.8	1299
4 x 4.00	0.31	11.3	210.7	252
5 x 4.00	0.31	12.6	260.0	313
4 x 6.00	0.31	13.6	298.4	359
5 x 6.00	0.31	15.1	358.7	444
4 x 10.0	0.41	17.2	517.1	615
5 x 10.0	0.41	19.3	620.5	776
4 x 16.0	0.41	20.8	756.0	917
5 x 16.0	0.41	23.1	944.0	1135
4 x 25.0	0.41	25.3	1145.7	1419
5 x 25.0	0.41	28.2	1399.2	1779

Technical Data

Nomianl Rating	Uo/u 300 / 500V
Testing Voltage	4000V acc. to DIN VDE 0472 part 508; Core / screen 1000V
Min. bending radius	
Fixed laying	5 X d
Flexible application	10 X d
Temperature range	
fixed laying	-30°C ~ +70°C
flexible application	-5°C ~ +70°C
Fire performance	Flame relardant and self - extinguishing Acc. 10 IEC

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