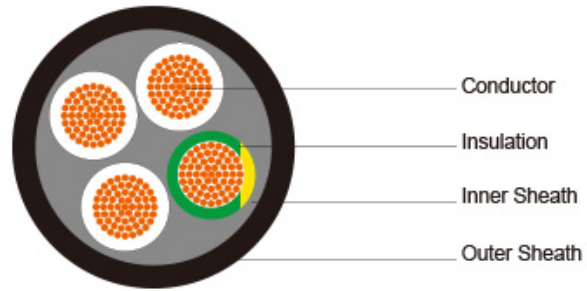


(N)SHOEU 0.6/1kV Flexible cable



Applications

These cables are designed for use in open cast mining factories for laying of excavators and conveyor belts with permanent movements between parts of the equipment. These cables are used where the ascending pipe serves as an earth conductor, for instance for submersible pumps.

Standards

VDE 0250 Part 812

Construction

Conductors

Flexible stranded copper conductor, class 5 according to DIN VDE 0295/IEC 60228.

Insulation

EPR.

**Earth Conductor
(for –J type)**

Incorporated as a fourth core or split into three in the outer interstices.

Inner Sheath

EPR.

Outer Sheath

CM type 5GM5.

Dimensions and Weight

(N)SHOEU-J

Number of Cores x Nominal Cross Section	Insulation Thickness	Thickness of Inner Sheath	Thickness of Outer Sheath	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. x mm ²	mm	mm	mm	mm	mm	kg/km
3x1.0	0.60	0.8	1.2	9.2	9.6	160
3x1.5	0.60	0.8	1.2	10.4	12.0	180
3x2.5	0.70	0.8	1.2	11.3	12.9	240
3x4	0.80	0.9	1.3	12.5	14.1	295
3x6	0.80	1.0	1.4	13.9	15.5	370
3x10	1.00	1.0	1.4	16.8	18.8	570
3x50+3x25/3	1.10	1.4	2.5	31.5	34.5	2500
3x70+3x35/3	1.10	1.4	2.5	36.2	39.2	3400
3x95+3x50/3	1.20	1.7	2.8	42.0	45.0	4475
3x120+3x70/3	1.20	2.0	3.0	46.0	49.0	5400
4x1.5	0.60	0.8	1.2	10.7	13.0	210
4x2.5	0.70	0.9	1.4	11.7	13.7	260

4x4	0.80	0.9	1.4	13.7	15.7	350
4x6	0.80	1.0	1.4	15.2	17.2	485
4x10	1.00	1.0	1.6	19.0	21.0	690
4x16	1.00	1.2	1.8	22.0	24.0	1090
4x25	1.00	1.3	2.2	26.5	29.5	1600
4x35	1.00	1.3	2.3	30.0	33.0	2090
4x50	1.10	1.5	2.6	34.5	38.5	2700
4x70	1.10	1.5	2.6	39.5	43.5	3620
4x95	1.20	1.7	2.8	45.0	49.0	4710
4x120	1.20	2.0	3.3	51.0	55.0	6020

(N)SHOE-U-O

Number of Cores×Nominal Cross Section	Insulation Thickness	Thickness of Inner Sheath	Thickness of Outer Sheath	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No.xmm ²	mm	mm	mm	mm	mm	kg/km
5x1.5	0.60	0.8	1.2	12.0	14.0	240
5x2.5	0.70	0.9	1.3	13.0	14.8	305
5x4	0.80	0.9	1.4	14.8	17.0	440
5x6	0.80	1.0	1.6	17.0	19.0	580
5x10	1.00	1.0	1.6	20.0	23.0	870
5x16	1.00	1.2	1.8	23.8	26.8	1280
5x25	1.00	1.3	2.3	29.5	32.5	1950
2x1.5	0.60	0.8	1.2	9.8	11.8	155
7x1.5	0.60	0.9	1.4	13.0	14.6	295
8x1.5	0.60	0.9	1.4	14.0	15.6	320
10x1.5	0.60	1.0	1.6	15.5	17.5	390
12x1.5	0.60	1.0	1.6	16.5	18.5	445
2x2.5	0.70	0.8	1.2	10.8	12.8	195
4x2.5	0.70	0.9	1.4	11.7	13.7	290
7x2.5	0.70	0.9	1.4	15.0	17.0	410
8x2.5	0.70	0.9	1.4	16.0	19.0	430
10x2.5	0.70	1.0	1.6	18.0	20.5	520
12x2.5	0.70	1.0	1.6	18.5	21.5	580
18x2.5	0.70	1.0	1.6	21.5	24.5	835
24x2.5	0.70	1.2	1.8	25.5	28.5	895
2x4	0.80	0.9	1.2	12.0	13.6	250
12x4	0.80	1.2	1.8	25.0	28.0	990
1x16	1.00	-	1.4	9.6	11.2	215

1x25	1.00	-	1.7	11.2	13.2	325
1x35	1.00	-	1.8	12.6	14.6	430
1x50	1.10	-	2.0	14.6	16.6	610
1x70	1.10	-	2.2	16.6	18.6	825
1x95	1.20	-	2.3	18.9	20.9	1070
1x120	1.20	-	2.4	20.8	22.8	1300
1x150	1.30	-	2.5	23.0	25.0	1610
1x185	1.40	-	2.6	24.9	27.9	2000
1x240	1.50	-	2.8	28.2	31.2	2500
1x300	1.80	-	3.3	31.8	34.8	3200
3x2.5	0.70	0.8	1.2	11.3	12.9	240
3x4	0.80	0.9	1.3	12.5	14.1	295
3x6	0.80	1.0	1.4	13.9	15.5	370
3x10	1.00	1.0	1.4	16.8	18.8	570
3x16	1.00	1.0	1.6	19.0	22.0	770
3x25	1.00	1.2	2.0	23.5	26.5	1200
3x35	1.10	1.3	2.2	27.5	30.5	1570
3x50	1.10	1.5	2.6	31.5	35.5	2200
3x70	1.10	1.5	2.6	36.0	40.0	2910
3x95	1.20	1.7	2.8	41.0	45.0	3780
3x120	1.20	1.8	3.0	45.0	49.0	4700
3x150	1.30	1.7	2.8	49.0	53.0	5650
3x185	1.40	2.2	3.4	55.0	59.0	7050