



APPLICATION

Flexible cable, rubber sheathed, suitable for mining applications alongside conveyor belts, for energy supply to equipment in movement, industrial apparatus and submersed pumps. It's resistant to abrasion, oils and flame retardant. Suitable for indoor and outdoor applications.

CHARACTERISTICS

Voltage Rating Uo/U

0.6/1kV

Test Voltage

3kV

Ambient Temperature

Fixed: -40°C to +80°C

Flexed: -25°C to +80°C

Maximum Short Circuit Temperature

+250°C

Minimum Bending Radius

Fixed: 4 x overall diameter

Flexed: 5 x overall diameter

CONSTRUCTION

Phase Conductor

Class 5 flexible copper

Insulation

Rubber compound

Inner Sheath

Rubber compound

Outer Sheath

Heavy duty rubber compound

Sheath Colour

Black

STANDARDS

VDE 0250 Part 812, VDE 0295, EN 60228

Flame Retardant according to IEC/EN 60332-1-2

NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	CONDUCTOR DIAMETER mm	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	MAXIMUM TENSILE LOAD N	NOMINAL WEIGHT kg/km
3	1.5	1.5	9.7	10.3	68	141
3	2.5	1.9	11.1	11.7	113	200
3	4	2.4	13.2	13.8	180	297

3	6	2.9	14.4	15	270	381
3	10	3.8	17.4	18.5	450	590
3	16	4.8	19.5	20.6	720	797
3	25	6.1	23.7	24.8	1125	1206
3	35	7.2	26.6	27.7	1575	1649
3	50	8.9	31.8	33	2250	2195
3	70	10.6	35.3	36.5	3150	3124
3	95	12.3	40.9	42.6	4275	4100
3	120	13.8	43.4	45.1	5400	4723
3	150	15.5	47.8	49.5	6750	5916
3	185	17	53.1	55.4	8325	7271
4	1.5	1.5	10.5	11.1	90	173
4	2.5	1.9	12.9	13.5	150	274
4	4	2.4	14.3	14.9	240	356
4	6	2.9	15.7	16.3	360	459
4	10	3.8	19.1	20.2	600	729
4	16	4.8	22	23.1	960	1038
4	25	6.1	27	28.1	1500	1576
4	35	7.2	29.2	30.4	2100	2078
4	50	8.9	35	36.2	3000	2967
4	70	10.6	38.8	40.5	4200	3931
4	95	12.3	45.1	46.8	5700	5165
4	120	13.8	50	51.8	7200	6152
4	150	15.5	55	57.3	9000	7537
4	185	17	61	63.3	11100	9420
5	1.5	1.5	11.4	12	113	214
5	2.5	1.9	14	14.6	188	328
5	4	2.4	15.6	16.2	300	434
5	6	2.9	17.5	18.6	450	594
5	10	3.8	20.9	22	750	898
5	16	4.8	24.1	25.2	1200	1283
5	25	6.1	29.6	30.8	1875	1965
7	1.5	1.5	14.5	15.1	158	313
7	2.5	1.9	16.8	17.4	263	461
12	1.5	1.5	16.8	17.4	270	422
12	2.5	1.9	19.5	20.6	450	653
18	1.5	1.5	19.4	20.5	405	613
18	2.5	1.9	23.3	24.4	675	922
24	1.5	1.5	20.9	22	540	752
24	2.5	1.9	25.2	26.3	900	1147