

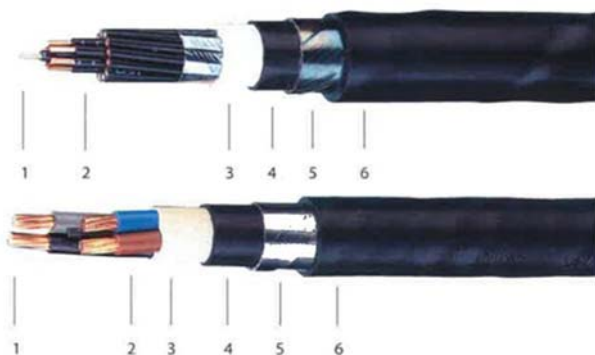
Power Cables

Cable XAV/RVFBV 0.6/1 kV

Overview

These XAV/RVFBV cables are suitable for direct burial without additional protection or for installation on cables trays or in ducts where mechanical protection is necessary (bursting risk).

TECHNICAL DATA



Properties

- Standard: IEC-60502-1
- Max. admissible conductor temperature: 90 °C
- Service temperature: -20 to +90°C
- Min. laying temperature: -5°C
- Min. bending radius: 12 X D
- Flame retardant acc. IEC 60332-1

Construction

1. Copper conductor
2. XLPE insulation. core colours acc. to HD 308 S2
3. Common core covering
4. PVC inner sheath
5. Steel tape armour
6. PVC outer sheath black

Application

Buried directly in the ground.

Number of cores & size [mm ²]	Insulation thickness [mm]	Armour [mm]	Outer sheath thickness [mm]	Outer diameter D approx. [mm]	Weight of cable approx. [Kg/km]
2x1.5 RE	0.7	0.2	1.3	11.5	230
2x2.5 RE	0.7	0.2	1.3	12.5	275
2x4 RE	0.7	0.2	1.4	13.5	330
2x6 RE	0.7	0.2	1.4	15.5	430
2x10 RM	0.7	0.2	1.4	16.5	555
2x16 RM	0.7	0.2	1.5	19.0	770
2x25 RM	0.9	0.2	1.6	22.5	1080
2x35 RM	0.9	0.2	1.7	25.0	1390
3x1.5 RE	0.7	0.2	1.3	12.0	255
3x2.5 RE	0.7	0.2	1.3	13.0	305
3x4 RE	0.7	0.2	1.4	14.0	380
3x6 RE	0.7	0.2	1.4	16.0	500
3x10 RM	0.7	0.2	1.5	17.5	665
3x16 RM	0.7	0.2	1.5	20.0	930
3x25 RM	0.9	0.2	1.6	24.0	1325
3x35 RM	0.9	0.2	1.7	26.5	1720
3x50 RM	0.9	0.2	1.8	29.0	2125

Number of cores & size [mm ²]	Insulation thickness [mm]	Armour [mm]	Outer sheath thickness [mm]	Outer diameter D approx. [mm]	Weight of cable approx. [Kg/km]
3x70 RM	1.1	0.2	2.0	34.5	3080
3x95 RM	1.1	0.5	2.1	40.0	4505
3x120 RM	1.2	0.5	2.3	44.5	5540
3x150 RM	1.4	0.5	2.4	48.5	6655
3x185 RM	1.6	0.5	2.5	53.5	8150
3x240 RM	1.7	0.5	2.7	61.0	10575
3x300 RM	1.8	0.5	2.9	66.5	13055
3x50RM+35 RM	1.0/09	0.2	1.9	33.0	2730
3x70RM+35 RM	1.1/0.9	0.2	2.0	36.0	3440
3x95RM+50 RM	1.1/1.0	0.5	2.2	42.5	5080
3x120RM+70 RM	1.2/1.1	0.5	2.3	46.5	6275
3x150RM+70 RM	1.4/1.1	0.5	2.5	50.0	7340
3x185RM+70RM	1.6/1.1	0.5	2.6	56.0	8975
3x240RM+95RM	1.7/1.1	0.5	2.8	62.5	11435
4x1.5 RE	0.7	0.2	1.3	13.0	290
4x2.5 RE	0.7	0.2	1.4	14.0	355
4x4 RE	0.7	0.2	1.4	15.0	440
4x6 RE	0.7	0.2	1.4	17.0	585
4x10 RM	0.7	0.2	1.5	19.0	800
4x16 RM	0.7	0.2	1.6	22.0	1120
4x25 RM	0.9	0.2	1.7	26.0	1650
4x35 RM	0.9	0.2	1.8	29.0	2135
4x50RM	1.0	0.2	1.9	32.5	2745
4x70 RM	1.1	0.5	2.1	39.0	4295
4x95 RM	1.1	0.5	2.3	44.5	5660
4x120 RM	1.2	0.5	2.4	48.5	6880
4x150 RM	1.4	0.5	2.6	53.0	8315
4x185 RM	1.6	0.5	2.7	60.5	10510
4x240 RM	1.7	0.5	2.9	67.0	13370
4x300 RM	1.8	0.5	3.1	73.0	16360
5x1.5 RE	0.7	0.2	1.4	14.0	335
5x2.5 RE	0.7	0.2	1.4	15.0	415
5x4 RE	0.7	0.2	1.4	16.0	515
5x6 RE	0.7	0.2	1.5	18.5	705
5x10 RM	0.7	0.2	1.6	21.0	955
5x16 RM	0.7	0.2	1.8	23.5	1340
5x25 RM	0.9	0.2	1.8	29.5	2085
7x1.5 RE	0.7	0.2	1.4	15.0	395
7x2.5 RE	0.7	0.2	1.4	16.0	495
12x1.5 RE	0.7	0.2	1.5	19.0	605
12x2.5 RE	0.7	0.2	1.5	20.5	750
19x1.5 RE	0.7	0.2	1.5	21.5	775
19x2.5 RE	0.7	0.2	1.6	24.0	1045
24x1.5 RE	0.7	0.2	1.6	24.5	980
24x2.5 RE	0.7	0.2	1.7	29.0	1570
27x1.5 RE	0.7	0.2	1.7	25.0	1050
27x2.5 RE	0.7	0.2	1.8	28.5	1410
37x1.5 RE	0.7	0.2	1.7	28.0	1320
37x2.5 RE	0.7	0.2	1.8	31.5	1790