



Low voltage power cable (U-1000 R2V)

Cable Structure :

Conductor: copper.
Insulation: XLPE.
Outer sheath: PVC.

Technical Specification :

Rated conductor temperature: 90°C.
Rated temperature: -20°C to 90°C.
Rated bending radius:

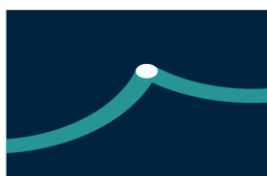
- Multi core: 12 x ϕ .
- Single core: 15 x ϕ .

Fire behaviour according to IEC 60332-1-2 and EN 60332-1-2 Eca.

Application :

Suitable for outdoor installation without protection.

Core x mm ²	Insulation Thickness mm	Outer Sheath Thickness mm	Overall Diameter mm	Weight Cable (kg/km)
1x16	0.7	1.4	9.5	215
1x25	0.9	1.4	11.0	310
1x35	0.9	1.4	12.0	410
1x50	1.0	1.4	13.5	540
1x70	1.1	1.4	15.5	745
1x95	1.1	1.5	17.5	1010



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Interconnective Power

1x120	1.2	1.5	19.0	1250
1x150	1.4	1.6	21.0	1535
1x185	1.6	1.6	23.5	1910
1x240	1.7	1.7	26.0	2470
1x300	1.8	1.8	28.5	3080
1x400	2.0	1.9	32.0	3995
2x1.5	0.7	1.8	10.5	145
2x2.5	0.7	1.8	11.0	180
2x4	0.7	1.8	12.0	225
2x6	0.7	1.8	13.5	310
2x10	0.7	1.8	15.0	420
2x16	0.7	1.8	17.5	600
2x25	0.9	1.8	20.5	880
2x35	0.9	1.8	23.0	1160
3x1.5	0.7	1.8	10.5	165
3x2.5	0.7	1.8	11.5	210
3x4	0.7	1.8	12.5	265
3x6	0.7	1.8	14.5	370
3x10	0.7	1.8	16.0	515
3x16	0.7	1.8	18.5	750
3x25	0.9	1.8	21.5	1110
3x35	0.9	1.8	24.5	1475
3x50	1.0	1.8	26.5	1865
3x70	1.1	1.9	31.5	2680
3x95	1.1	2.0	35.5	3600
3x120	1.2	2.1	39.5	4515
3x150	1.4	2.3	44.0	5555
3x185	1.6	2.4	48.5	6930
3x240	1.7	2.6	55.0	9010
3x300	1.8	2.8	61.0	11195
3x50 + 35	1.0/0.9	1.8	28.5	2265
3x70 + 50	1.1/1.0	2.0	33.5	3185
3x95 + 50	1.1/1.0	2.1	37.5	4125
3x120 + 70	1.2/1.1	2.2	42.0	5220
3x150 + 70	1.4/1.1	2.3	45.5	6175
3x185 + 70	1.6/1.1	2.5	50.0	7550
3x240 + 95	1.7/1.1	2.7	56.5	9850
4x1.5	0.7	1.8	11.5	190
4x2.5	0.7	1.8	12.5	245

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Interconnective Power

4x4	0.7	1.8	13.5	320
4x6	0.7	1.8	15.5	445
4x10	0.7	1.8	17.0	635
4x16	0.7	1.8	20.0	930
4x25	0.9	1.8	23.5	1390
4x35	0.9	1.8	26.5	1850
4x50	1.0	1.9	30.5	2450
4x70	1.1	2.0	34.5	3410
4x95	1.1	2.1	39.5	4640
4x120	1.2	2.3	44.0	5780
4x150	1.4	2.4	48.5	7075
4x185	1.6	2.6	54.5	8965
4x240	1.7	2.8	61.0	11510
4x300	1.8	3.0	67.5	14370
5x1.5	0.7	1.8	12.5	225
5x2.5	0.7	1.8	13.5	290
5x4	0.7	1.8	14.5	380
5x6	0.7	1.8	17.0	540
5x10	0.7	1.8	19.0	775
5x16	0.7	1.8	21.5	1135
5x25	0.9	1.8	27.0	1780
5x35	0.9	1.8	29.0	2245
5x50	1.0	2.0	33.0	3025
7x1.5	0.7	1.8	13.5	275
7x2.5	0.7	1.8	14.5	360
12x1.5	0.7	1.8	17.0	450
12x2.5	0.7	1.8	19.0	595
19x1.5	0.7	1.8	20.0	615
19x2.5	0.7	1.8	22.0	850
24x1.5	0.7	1.8	23.0	785
24x2.5	0.7	1.8	25.5	1050
27x1.5	0.7	1.8	23.5	840
27x2.5	0.7	1.8	26.0	1135
37x1.5	0.7	1.8	26.0	1060
37x2.5	0.7	1.8	29.0	1485

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