

0,6/1kV Cables

RV



Description

These cables are indicated for the transport and distribution of low voltage electricity. Recommended for industrial connections, service connections, internal distribution and outdoor connections. It can be used in underground networks and permanent installations.



Applications

- Underground networks for low voltage distribution
- Underground supply networks for outdoor lighting installations
- Electricity distribution networks. Underground service connections
- Indoor or receiver installations
- Installations in premises with special characteristics

Technical characteristics

1. Conductor	Electrolytic copper conductor (Class I and II), according to BS EN 60228:2005 (previously BS 6360) and UNE 60228.
2. Insulation	Cross-linked polyethylene insulation(XLPE), type DIX-3, according to UNE 21123 and HD 603S1.
3. Sheathing	PVC sheath, type DMV-18 according to UNE 21123 and HD 603S1.
Rated voltage	0,6/1kV
Test voltage	3.500V in A.C.
Maximum temperature	90°C
Other characteristics	

- Colours according to UNE 21089 and HD 303S2:2001
- Non-flame propagating UNE-EN 60332, EN 60332 and IEC 60332
- The use of cross-linked polyethylene (XLPE) admits greater current density, at equal section, respect to the insulation with PVC
- PVC sheath with reduced hydrogen chloride (HCL) emission



Dimensions

Section (mm ²)	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)	Section (mm ²)	Resistance at 20 °C (Ω/km)	External Diameter (mm)	Weight (Kg/Km)
1x1,5	12,10	5,70	50	3x4	4,61	11,07	210
1x2,5	7,41	6,12	60	3x6	3,08	12,25	275
1x4	4,61	6,65	75	3x10	1,83	13,82	420
1x6	3,08	7,20	95	3x16	1,15	16,47	621
1x10	1,83	8,15	140	3x25	0,727	20,03	915
1x16	1,15	9,15	195	3x35	0,524	22,66	1.240
1x25	0,727	10,80	290	4x1,5	12,10	9,92	140
1x35	0,524	11,90	380	4x2,5	7,41	10,93	190
1x50	0,387	13,50	520	4x4	4,61	12,22	255
1x70	0,268	15,60	720	4x6	3,08	13,55	345
1x95	0,193	17,35	930	4x10	1,83	15,85	535
1x120	0,153	19,40	1.175	4x16	1,15	18,27	775
1x150	0,124	21,40	1.455	4x25	0,727	22,36	1.175
1x185	0,0991	23,30	1.745	4x35	0,524	25,07	1.580
1x240	0,0754	26,60	2.315	4x70	0,268	32,00	2.905
1x300	0,0601	30,20	2.895	4x95	0,193	35,60	3.755
1x400	0,0470	34,80	3.935	4x50	0,387	29,21	2.205
2x1,5	12,10	8,55	100	5G1,5	12,10	10,79	170
2x2,5	7,41	9,39	130	5G2,5	7,41	11,93	230
2x4	4,61	10,45	175	5G4	4,61	13,37	315
2x6	3,08	11,55	225	5G6	3,08	14,87	425
2x10	1,83	13,45	335	5G10	1,83	17,45	655
2x16	1,15	15,45	475	5G16	1,15	20,17	945
2x25	0,727	18,75	710	5G25	0,727	24,80	1.450
3x1,5	12,10	9,01	115	5G35	0,524	27,40	1.960
3x2,5	7,41	9,92	155	5G50	0,387	33,50	2.885

Cables with more than 3 conductors can be manufactured with one of the cores yellow/green.

ZARAGOZA HEADQUARTERS

Ctra. Castellón Km 226,9
50720 La Cartuja Baja
Zaragoza - España
telephone +34 976 500120
fax +34 976 500138
e-mail info@rct.es

BARCELONA WAREHOUSE

Cables RCT Depósito Barcelona
C/ Maresme 87-91
08019 Barcelona - España
telephone +34 93 3079562
fax +34 93 3073400
e-mail barna@rct.es

SEVILLA WAREHOUSE

Cables RCT Depósito Sevilla
Pol Ind Calonge C/ Bronce Nave 4
41007 Sevilla - España
telephone +34 954 354946
fax +34 954 358491
e-mail sevilla@rct.es

VALENCIA WAREHOUSE

Cables RCT Depósito Valencia
Pol Ind Sedaví C/ Sequía de Calvera 5 A
46910 Valencia - España
telephone +34 96 3759070
fax +34 96 3759435
e-mail valencia@rct.es