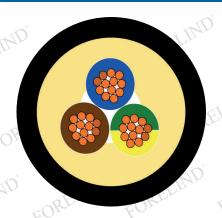


## **LOW VOLTAGE CABLE**



Drawing is only illustrative

#### **CABLE CONSTRUCTION AND SPECIFICATIONS**

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~	<b>a</b> 1:	мп	IJ		<b>''</b> '' ''	10
w	v.	MI.	,,,	u	w	n

SOLID cl. 1 red copper

RIGID cl. 2 red copper

FLEXIBLE cl. 5 red copper

**INSULATION** 

PVC.

HEPR

XLPE

**OUTER SHEATH** 

PVC in RZ/ST2 Quality

HALOGEN FREE

**CHARACTERISTICS** 

Nominal voltage Uo

0,6 - 1 KV

Maximum operating temperature

+ 90° C

+ 250° C

Maximum short circuit temperature

Min. operating temperature (without mechanical shocks)

- 15° C

Minimum installation and use temperature

0° C

Minimun bending radius per D cable diameter (in mm)

14 D

FORELIND

Minimum pulling stress

**During installation** 

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	LTAC	E UNARM		CABLE
I COW VC	ппаст	F IIMAKIVI	IIIIKEIII	LAKIE
LOW VO		L UNAMIN	OUILL	CAPLL

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-1	11-1	-	EET

		<i>Y</i> - <i>y</i>	
Core number	Cross section	Approx external production diameter	Approx cable weight
(N°)	(mm²)	(mm)	(kg/km)
(14)	(IIIII)	(IIIII)	(kg/kiii)
	SINGLI	E CORE	
1x	1.5 U	6.4	RE 50 ORE
1x ELIM	2.5 U REL	EORE 6.9 FORE	60
RE IN	40	7.5	80
1x	6 U	8.1	100
1x *	10 R	9.0	1502
1x	16 R	010.0	210
TORY 1x FOR	25 R	11.7	320 ੂ
1x	35 R	13.0	410
1x	50 R	14.7 PELL	530 SOR
1x ELL	70 R R	16.6 FOR	750
TX F	95 R	18.6	1050
1x	120 R	20.5	1300
1x	150 R	22.8	1600
TIN DELL	185 R	25.0	2000
TORY 1x FOR	240 R	27.9	2500
1x	300 R	30.7	3100
1x	400 R	35.0	3900 OR
1x	500 R	38.5	5000
Olx	630 R	43.0	6100
		0	

#### **TWO CORES**

ZUM 2x DELIN	ORFL 1.5 U ORFL	11.5 FOR	140
TORS 2x FOR	2.5 U	12.4	180
2x	4 U	13.6	220
2x	6 U TAN	14.7 EL	OREL 280 ORL
2x	10 R	16.6	430
2x	16 R	18.6	600
2x	25 R	22.1	930
2x	35 R	24.6	R 1200
ELIT 2x DELI	OREL 50 R CORL	28.1	1600
OR 2x	70 R	31.7	2200
2x	95 R	35.9	2900
2x	120 R	39.8	3500

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LOW VOLTAGE UNARMOURE	D CABLE		PAGE 0
FO.			MD IMD
DATASHEET			
all all	ORU" COM	to, to	· · · · · · · · · · · · · · · · · · ·
Core number	Cross section	Approx external production diameter	Approx cable weight
(N°)	(mm²)	(mm)	(kg/km)
1000	THREE	CORES	
3x	01.5 U	12.0	RE 170 B
3x 5111	2.5 U REL	13.0 FOR	210
3x)	4 0	14.3	270
3x	6 U	15.5	360
3x	10 R	17.5	540
3x	2 16 R	19.7	770
OR 3x FOR	25 R	23.4	1200
3x	35 R	26.2	1500
3x	50 R	29.9	2000 P.
3x 3x	70 R R	34.1	2800
3x (3x)	95 R	38.3	3700
3x	120 R	44.7	4500
3x*	150 R	42.5	5600
3x	2 185 R	52.9	6900
3x 50	240 R	59.3	8900
<i>Y</i> • • • • • • • • • • • • • • • • • • •		2 0	
4x 1.12		CORES	210
	1.5 U.E.	12.9 OK	> 210
04x	2.5 U	14.0	260
4x	4 U	15.4	350
4x	60	16.7	460
4x	10 R CORL	19.0	700
4x FO	16 R	21.5	1000
4x	25 R	25.7	1500
FORELIND FOR		ORELIND FORELIND	FOREIL FOREIL
RELIND FORELIND		FORELIND FORE	
	ELIND' FORELIND'	RELIND FORELIND	FORELIND FORELIN



#### LOW VOLTAGE UNARMOURED CABLE

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#### **DATASHEET**

1			70					
Core number		Cross section	Approx external production diameter	Approx cable weight				
	(N°)	(mm²)	(mm)	(kg/km)				
	-0K	Pro 1						
		THREE	CORES					
	3x	35 + 25 R	28.0	RE 1800 RE				
1	3x	50 + 25 R	FOR 31.1 FOR	2200				
	3x) X	70 + 35 R	35.4	3100				
	3x	95 + 50 R	40.3	4100				
	3x	120 + 70 R	44.9	5200				
	3x	150 + 95 R	50.3	6400				
B	EOK 3x FOR	185 + 95 R	54.9	7800				
	3x	240 + 150 R	62.8	10300				
	3x	300 + 150 R	67.8	12300				
	3x 11.11	400 + 240 R	78.8	16200				
		0, 50						
	EIVE CODEC							

		ı	IVE CORES
5 v .	O.	1511	

5x	150	13.8	260
TIM5X DELI	2.5 U	15.0	330
TORE 5x FOR	4 U	16.5	460
5x	6 U	18.1	570
5x	10 R	20.6	REL 860 RE
5x	16 R	23.4	1200
5x	25 R	28.0	1800
5x	35 R	31.5	2300
5x	50 R	36.5	3100

#### NOTE

Multicores cables can be manufactured with Y/G core too.

Current carrying capacities for single core cables are calculated on 3 close cables, for two core cables with two charged conductors and for three core cables with three charged conductors. Outer diameters are nominal and they can have variations of max +/- 3%. Current carrying capacities according to UNEL 35026 with underground laying standard CEI 64-8-61 (ground temp=20°C, depth=0.8m, ground resistivity=1.5 k m/W.).

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	9	0		M		File	REL
	LOW VOLTAGE UNARMO	OURED CABLE					PAGE 05
o o	ORELIND	ND FORELING	D' FORFLING	FORELIN	D FORELL		
	FORELIND FO	ORELIND FOR					ORELIND'
	RELIND' FORELIN	FORELIND	FORELIND	FORELING	FORELIN	D' FORELL	DRELIND'
				LIND FOR			
	FORELIND FORE	FORELIND FORE!				ELIND' FO	RELIND
	FORL FOR	FORELIND	ORELIND	ORELIND	FORELIND	FORELINE	
	FORELIND FORE	LIND FORELL	ND FORELL	KD' FOREL	IND FORE		FORELIND FOR
				RELIND' FORELIN	ORELIND' NO FOREI		
	ORELIND FORELL	IND FORELING	FORELLAD	FORE FO	FOR FORE		FORELIND



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