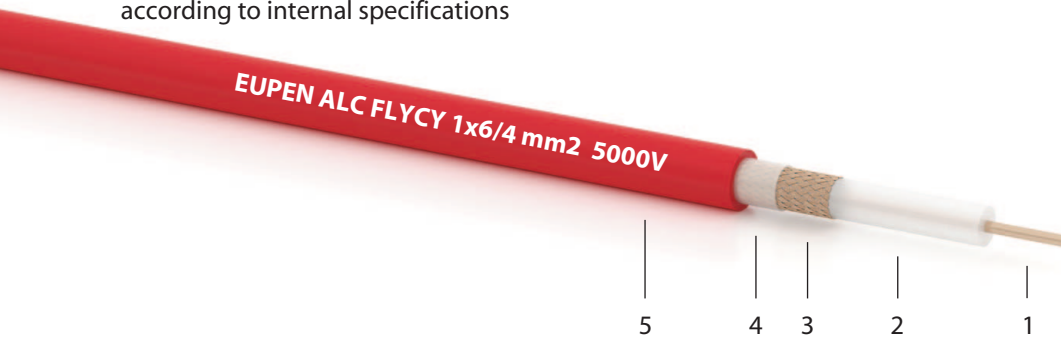


## Underground primary cables for Airport lighting circuits FLYCY with copper braid screen

1/1

according to internal specifications



### Construction

1. Conductor : bare solid or stranded copper conductor according to IEC 60228 class 1 or class 2
2. Insulation : PVC
3. Screen : annealed copper wire braid
4. Separator : PETP foil
5. Sheath : PVC color to agree

### Electrical Properties

- Conductor resistance (dc) : max. 3,08 OHM/km (20 °C)
- Screen resistance (dc): 2,5 max 7,41 OHM/km (20 °C)
  - 4 max 4,61 OHM/km (20 °C)
  - 6 max 3,08 OHM/km (20 °C)
- Voltage test screen/water: 1,5 kV/5' (ac)

### Dimensions

Section & screen mm <sup>2</sup>	Voltage U0	Voltage test core/screen kV ac / 5'	Nominal Insulation thickness mm	Nominal Sheath thickness mm	Outer diameter approx. mm	Cable weight approx. kg/km
1 x 6 re 2,5	1 kV	5	1,5	1,8	10,5	190
1 x 6 rm 2,5	1 kV	5	1,5	1,8	11,0	200
1 x 6 re 2,5	1,5 kV	6	2	1,8	11,5	215
1 x 6 rm 2,5	1,5 kV	6	2	1,8	12,0	225
1 x 6 re 4	1,5 kV	6	2	1,8	11,5	230
1 x 6 rm 4	1,5 kV	6	2	1,8	12,0	240
1 x 6 re 2,5	2,5 kV	9	2,5	1,8	12,5	240
1 x 6 rm 2,5	2,5 kV	9	2,5	1,8	13,0	250
1 x 6 re 4	2,5 kV	9	2,5	1,8	12,5	255
1 x 6 rm 4	2,5 kV	9	2,5	1,8	13,0	265
1 x 6 re 2,5	3 kV	11	3	1,8	13,5	265
1 x 6 rm 2,5	3 kV	11	3	1,8	14,0	280
1 x 6 re 4	3 kV	11	3	1,8	13,5	285
1 x 6 rm 4	3 kV	11	3	1,8	14,0	295
1 x 6 re 6	3 kV	11	3	1,8	13,5	300
1 x 6 rm 6	3 kV	11	3	1,8	14,0	310
1 x 6 re 4	5 kV	15	4,5	1,8	17,0	395
1 x 6 rm 4	5 kV	15	4,5	1,8	17,5	410
1 x 6 re 6	5 kV	15	4,5	1,8	17,0	410
1 x 6 rm 6	5 kV	15	4,5	1,8	17,5	435

re : round solid copper conductor IEC 60228 class1

rm : round stranded copper conductor IEC 60228 class2

### Laying conditions

 Pulling force: max. 300 N applied on the conductor  
 Bending radius: min. 12\*D (D=outer diameter)

Temperature: min -5 °C to max. +50 °C

All information given is indicative only and not binding and can be subject to change without notice.