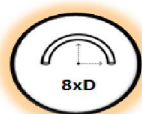
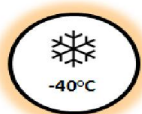
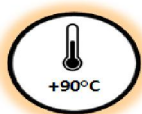
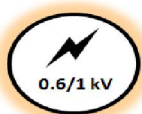


M2XF



## Cabluri monofilare fara manta

## Unsheathed single-core cables



**Standard de referinta:** SR EN 60228  
SR CEI 60502-1

**Reference standard:** SR EN 60228  
SR CEI 60502-1

**Tensiune nominala U<sub>0</sub>/U:** 0.6/1 kV

**Rated voltage U<sub>0</sub>/U:** 0.6/1 kV

**Tensiune de incercare:** 3 kV, 50 Hz, timp de 5 minute, în apă.

**Test voltage:** 3 kV, 50 Hz, 5 minutes in water

### Domeniul de utilizare

Cablurile sunt utilizate in instalatii electrice pentru tensiune de pana la 0.6/1 kV.

### Applicability

Cables used for electric installations at voltages up to 0.6/1 kV.

**Temperatura max. de lucru in functionarea de durata:** +90°C

**Max. long-run operational temperature:** +90°C

**Temperatura max. in scurtcircuit (max 5 secunde):** +250 °C

**Max. temperature during short circuit (max. 5 seconds):** +250 °C

### Conductor de cupru

Conductor de cupru recopt multifilar (clasa 5), conf. SR EN 60228

### Copper conductor

Multiwire annealed copper conductor (class 5), according to SR EN 60228

### Izolatie

Polietilena reticulata (XLPE)

### Insulation

Crosslinked polyethylene (XLPE)

### Marcaj

SC ELECTROPLAST SA, simbol cablu, tensiune de lucru, an de fabricatie.

### Marking

SC ELECTROPLAST SA, cable symbol, operational voltage, manufacture year.

### Raza minima de curbura

8 x diametru cablului

### Min. bending radius

8 x diametru cablului

### Cod de culori

- Cabluri monoculare: negru, albastru, maro, gri, portocaliu, roz, rosu, turcoaz, violet, alb.
- Cabluri bicolore: galben-verde min. 30% verde, max 70% galben

### Color coding

- Monochrome cables: black, blue, brown, gray, orange, pink, red, cyan, violet, white
- Yellow-green cables: min 30% green, max 70% yellow

\* Alte combinatii bicolore nu sunt permise

\*Other two-colors combinations are not allowed

**M2XF****Cabluri monofilare fara manta****Unsheathed single-core cables**

<b>Sectiune nominala a conductorului</b>	<b>Diametru max sarmei de cupru</b>	<b>Grosime nominala izolatie</b>	<b>Diametru exterior nominal</b>	<b>Rezistenta electrica, max la 20°C</b>	<b>Masa Inf</b>
<i>Nominal crossection of conductor</i>	<i>Max. copper wire diam</i>	<i>Nominal insulation thickness</i>	<i>Nominal outer diameter</i>	<i>Max. resistance at 20°C</i>	<i>Mass inf</i>
mm <sup>2</sup>	mm	mm	mm	Ω/km	kg/km
1.5	0.26	0.7	3.0	13.3	18
2.5	0.26	0.7	3.5	7.98	28
4	0.31	0.7	4.0	4.95	41
6	0.31	0.7	4.7	3.30	59
10	0.41	0.7	6.0	1.91	99
16	0.41	0.7	7.3	1.21	156
25	0.41	0.9	9.5	0.780	245
35	0.41	0.9	10.9	0.554	343
50	0.41	1.0	12.5	0.386	484
70	0.51	1.1	14.7	0.272	687
95	0.51	1.1	16.7	0.206	906
120	0.51	1.2	18.4	0.161	1114
150	0.51	1.4	21.4	0.129	1428
185	0.51	2.0	23.2	0.106	1749
240	0.51	2.2	26.4	0.0801	2294