

## LYc-M 250V

**LYc-M** Cable with multi wire conductor (L), with insulation made of heat-resistant PVC (Yc), for electrical machines (-M) for rated voltage of 250V

**Application** Single-conductor cable designed for connections and outputs of windings of electrical machines and devices operating in moderate and tropical climate (for rated voltage not exceeding of 250V).

### Technical data

**Conductor:** Cu-ETP1 (acc. to EN13602), multi wire, class 5 (acc. to EN60228)  
**Insulation:** Heat-resistant PVC  
**Sheath:** Not applicable  
**Temperature range:** -25°C ÷ +105°C  
**Standards:** PN-87/E-90071  
 Cables conform to the requirements of REACH Regulation and RoHS Directive.

### Technical characteristics

#### LYc-M 250V

| Number of conductors<br>x Nominal cross-section<br><br>mm <sup>2</sup> | Conductor structure |                      | Resistance at 20°C<br><br>mΩ/m | Insulation thickness<br><br>mm | Sheath thickness<br><br>mm | Outer diameter of cable |        | Approximate weight of cable<br><br>kg/km |
|------------------------------------------------------------------------|---------------------|----------------------|--------------------------------|--------------------------------|----------------------------|-------------------------|--------|------------------------------------------|
|                                                                        | Number of wires     | Single wire diameter |                                |                                |                            | (min.)                  | (max.) |                                          |
|                                                                        |                     | (max.)<br>mm         |                                |                                |                            | mm                      | mm     |                                          |
| 1 x 0,20                                                               | 12                  | 0,16                 | 95,1                           | 0,5                            | --                         | --                      | 1,9    | 4,29                                     |
| 1 x 0,35                                                               | 12                  | 0,21                 | 54,4                           | 0,6                            | --                         | --                      | 2,4    | 6,81                                     |
| 1 x 0,50                                                               | 16                  | 0,21                 | 39,0                           | 0,6                            | --                         | --                      | 2,5    | 8,24                                     |
| 1 x 0,75                                                               | 24                  | 0,21                 | 26,0                           | 0,6                            | --                         | --                      | 2,7    | 11,20                                    |
| 1 x 1,00                                                               | 32                  | 0,21                 | 19,5                           | 0,6                            | --                         | --                      | 2,9    | 13,57                                    |
| 1 x 1,50                                                               | 29                  | 0,26                 | 13,3                           | 0,6                            | --                         | --                      | 3,2    | 18,16                                    |
| 1 x 2,50                                                               | 48                  | 0,26                 | 7,98                           | 0,6                            | --                         | --                      | 3,7    | 27,45                                    |

### Contact

Tel: +48 12 631 10 70  
 E-mail: [biuro@manex.com.pl](mailto:biuro@manex.com.pl)