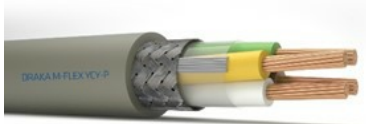


## M-Flex YCY-P 250V

**This page is under construction. Please contact Draka for more information about this product.**



### Construction data

|                                 |                      |
|---------------------------------|----------------------|
| Nominal cross section conductor | 0.14 mm <sup>2</sup> |
| Conductor category              | Class 5 = flexible   |
| Stranding element               | Pairs                |
| Core insulation                 | PVC                  |
| Nom diam over insulation        | 1.1 mm               |
| Core identification             | Colour               |
| Protective conductor            | No                   |
| Screen over stranding element   | None                 |
| Screen over stranding           | Braiding             |
| Material outer sheath           | PVC                  |
| Colour outer sheath             | Grey                 |

### Properties

|   |                                 |
|---|---------------------------------|
| Halogen free (acc. EN 60754-1/2)                      | No                              |
| Flame retardant                                       | In accordance with EN 60332-1-2 |
| Low smoke (acc. EN 61034-2)                           | No                              |
| Low temperature resistant (acc. EN 60811-504+505+506) | No                              |
| Oil resistant (acc. EN 60811-404)                     | No                              |
| Permitted cable outer temperature, in movement        | -5 / 70 °C                      |
| Permitted cable outer temperature, fixed              | -5 / 70 °C                      |

### Electrical

|                                       |              |
|---------------------------------------|--------------|
| Nominal voltage U <sub>0</sub>        | 250 V        |
| Nominal voltage U                     | 250 V        |
| Conductor resistance 20°C             | 138.8 ohm/km |
| Capacity two adjacent cores (nF)      | 100          |
| Capacity between core and screen (nF) | 170          |
| Elements                              | x2x          |

## M-Flex YCY-P 250V

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### Product Range

| Product nr. | Nominal cross section conductor (mm <sup>2</sup> ) | Nominal diameter over insulation (mm) | Nominal overall diameter (mm) | Minimum bending radius (mm) | Maximum tensile strength (N) | Approx. weight (kg/km) |
|-------------|--|---------------------------------------|-------------------------------|-----------------------------|------------------------------|------------------------|
| 120634      | 2x2x0,14   | 1,1                                   | 5,6                           | 30                          | 8                            | 39                     |
| 120635      | 3x2x0,14   | 1,1                                   | 6,1                           | 35                          | 12                           | 47                     |
| 120636      | 4x2x0,14   | 1,1                                   | 6,6                           | 35                          | 16                           | 55                     |
| 120637      | 6x2x0,14   | 1,1                                   | 7,7                           | 40                          | 25                           | 75                     |
| 120638      | 8x2x0,14   | 1,1                                   | 8,4                           | 45                          | 33                           | 90                     |
| 120639      | 12x2x0,14  | 1,1                                   | 10,4                          | 55                          | 50                           | 130                    |
| 120640      | 25x2x0,14  | 1,1                                   | 13,4                          | 85                          | 105                          | 205                    |

## M-Flex YCY-P 250V

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### Electrical features

| Product nr. | Nominal cross section conductor (mm <sup>2</sup> ) | Conductor resistance at 20 °C, DC (ohm/km) | Capacitance between adjacent cores (nF/km) | Capacitance between 1 core and screen (nF/km) |
|-------------|--|--|--|---|
| 120634      | 2x2x0,14   | 138,8                                      | 100  | 170   |
| 120635      | 3x2x0,14   | 138,8                                      | 100  | 170   |
| 120636      | 4x2x0,14   | 138,8                                      | 100  | 170   |
| 120637      | 6x2x0,14   | 138,8                                      | 100  | 170   |
| 120638      | 8x2x0,14   | 138,8                                      | 100  | 170   |
| 120639      | 12x2x0,14  | 138,8                                      | 100  | 170   |
| 120640      | 25x2x0,14  | 138,8                                      | 100  | 170   |