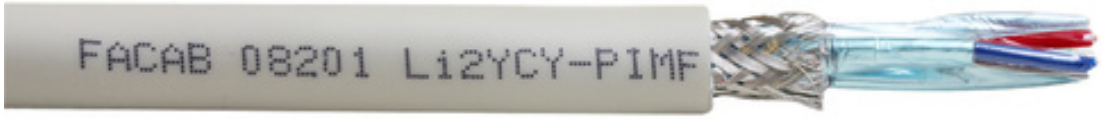
# Data cable
# Li2YCY PiMF




**Application**: Data cable with low operating capacity, pair shielding and overall shielding. Suitable for connecting process measurement and control components in environments with high interference levels. The combination of film pair shielding and mesh overall shielding ensures optimal protection from high- and low-frequency interference. For permanent installation in dry and humid rooms.

**Construction and technical data:**

| | |
|---|---|
| **Conductor material:** | copper, bare |
| **Conductor construction:** | Class 5 = flexible |
| **Insulation:** | polyethylene |
| **Stranding unit:** | pair |
| **Stranding:** | pairs in layers |
| **Screen over strand:** | tinned copper braid |
| **Screen over stranding unit:** | Foil |
| **Screen coverage:** | 80 % |
| **Sheathing material:** | PVC |
| **Colour of outer sheath:** | grey |
| **Flame-retardant:** | VDE 0482-332-1-2/IEC 60332-1-2 |
| **For outdoor use:** | yes |
| **Permitted outer cable temperature, fixed, °C:** | -15 - +70 °C |
| **Permitted outer cable temperature, moved, °C:** | -5 - +70 °C |
| **Bending radius, fixed installation:** | 12 x Ø |
| **Insulation resistance:** | 5000 MOhmxkm |
| **Specific inductivity:** | 0.4 mH/km |

*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

Li2YCY PiMF

**Loop resistance:** 80 Ohm/km

**Maximum operating capacity:** 75 nF/km

**Test voltage:** 1 kV

**Core identification:** colours acc. to DIN 47100

**peak operating voltage, V:** 250 V

| part no. | part name | Ø [mm] | Cu | G [kg] |
|---|---|---|---|---|
| 031749 | 02X2X0.22 | 7.7 | 33 | 75 |
| 034575 | 03X2X0.22 | 8.1 | 35 | 86 |
| 034581 | 10X2X0.34 | 14.3 | 150 | 230 |
| 031796 | 02X2X0.5 | 9.7 | 47 | 96 |
| 031703 | 03X2X0.5 | 10.4 | 64 | 116 |
| 031797 | 04X2X0.5 | 11.4 | 109 | 141 |
| 034587 | 02X2X0.75 | 10.4 | 61 | 117 |
| 034589 | 04X2X0.75 | 12.4 | 141 | 222 |
| 032365 | 02X2X1 | 11.8 | 72 | 130 |
| 031778 | 04X2X1 | 14 | 187 | 360 |

| | |
|---|---|
| Ø | outer diameter approx. |
| Cu | Copper weight (GER) |
| G | net weight per 1000 |