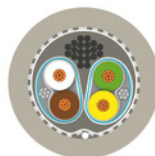


# Data cable

## 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:

<b>Conductor material:</b>	copper, bare
<b>Conductor construction:</b>	Class 5 = flexible
<b>Insulation:</b>	polyethylene
<b>Stranding unit:</b>	Pair
<b>Stranding:</b>	pairs in layers
<b>Screen over stranding unit:</b>	Foil
<b>Screen over strand:</b>	tinned copper braid
<b>Screen coverage:</b>	80 %
<b>Sheathing material:</b>	PVC
<b>Colour of outer sheath:</b>	grey
<b>Flame-retardant:</b>	EN 60332-1-2
<b>For outdoor use:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-15 - +70 °C
<b>Permitted outer cable temperature, moved, °C:</b>	-5 - +50 °C
<b>Bending radius, fixed installation:</b>	12 x Ø
<b>Insulation resistance:</b>	5000 MOhm $\times$ km
<b>Specific inductivity:</b>	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

<b>Maximum operating capacity:</b>	75 nF/km
<b>Test voltage:</b>	1 kV
<b>Core identification:</b>	colours acc. to DIN 47100
<b>peak operating voltage, V:</b>	250 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu	G [kg]
031749	02X2X0.22		7.7	33	75
034575	03X2X0.22		8.1	35	86
034581	10X2X0.34	57	14.3	150	230
031796	02X2X0.5	39	9.7	47	96
031703	03X2X0.5	39	10.4	64	116
031797	04X2X0.5	39	11.4	109	141
034587	02X2X0.75	26	10.4	61	117
034589	04X2X0.75	26	12.4	141	222
032365	02X2X1	19.5	11.8	72	130
031778	04X2X1	39	14	187	360

RI	Conductor resistance
Ø	outer diameter approx.
Cu	Copper weight (GER)
G	net weight per 1000