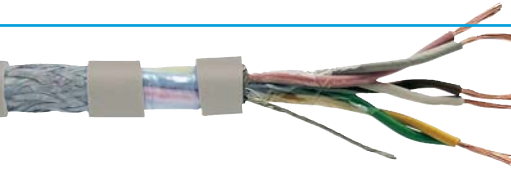


## LIFYCY (B) TP

PVC data cable, twisted pairs with overall copper screen

extra fine wires

N · LIFYCY (B) TP 3x2x0,2mm<sup>2</sup> CE



Marking for LIFYCY (B) TP 03030320:

SAB BRÜCKSKES · D-VIERSEN · LIFYCY (B) TP 3x2x0,2mm<sup>2</sup> CE

### Construction:

<b>Conductor:</b>	bare copper strands, extra fine wires
<b>Insulation:</b>	PVC, TI2 acc. to EN 50363-3 + VDE 0207-363-3
<b>Colour code:</b>	with reference to DIN 47100
<b>Stranding:</b>	cores twisted to pairs, pairs twisted in layers
<b>Wrapping:</b>	PETP foil
<b>Screen:</b>	tinned copper braiding with a tinned copper drain wire (0,25 mm <sup>2</sup> )
<b>Sheath material:</b>	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
<b>Sheath colour:</b>	grey (RAL 7032)

### Technical data:

<b>Peak operating voltage:</b>	max. 350 V
<b>Testing voltage:</b>	core/core 1500 V core/screen 1200 V
<b>Min. bending radius</b>	
fixed laying:	5 x d
flexible application:	10 x d
<b>Capacitance:</b>	see chapter N „Technical Data“
<b>Radiation resistance:</b>	8 x 10 <sup>7</sup> cJ/kg
<b>Temperature range</b>	
fixed laying:	-30/+70 °C
flexible application:	-5/+70 °C
<b>Fire performance:</b>	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2
<b>Oil resistance:</b>	acc. to internal standard, see chapter N „Technical Data“
<b>Chem. resistance:</b>	see chapter N „Technical Data“
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see chapter N „Technical Data“

### Outstanding features:



- good EMC characteristic
- highly flexible
- good handling
- small bending radius

item no.	no. of pairs x cross section n x 2 x mm <sup>2</sup>	nominal wire ø mm	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
03030220	2 x 2 x 0,20	0,05	5,4	22,1	38
03030320	3 x 2 x 0,20	0,05	6,1	27,6	50
03030420	4 x 2 x 0,20	0,05	6,9	33,0	58
03030620	6 x 2 x 0,20	0,05	7,5	42,4	76
03030820	8 x 2 x 0,20	0,05	9,0	53,7	103
03031220	12 x 2 x 0,20	0,05	10,3	73,6	133
03031820	18 x 2 x 0,20	0,05	11,8	118,3	191
03032420	24 x 2 x 0,20	0,05	13,6	146,2	243
03033220	32 x 2 x 0,20	0,05	15,1	182,9	305

Other dimensions and colours are possible on request.