

Data Cables

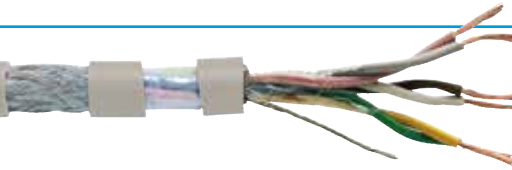
LiFYCY (B) TP

PVC data cable, twisted pairs with overall copper screen

extra fine wires

SAB Data

N · LiFYCY (B) TP 3x2x0,2mm² CE



marking example:

SAB BRÜCKSKES · D-VIERSEN · LiFYCY (B) TP 3x2x0,2mm² CE

Construction:

Conductor:	bare copper strands, extra fine wires
Insulation:	PVC, T12 acc. to EN 50363-3 + VDE 0207-363-3
Colour code:	with reference to DIN 47100
Stranding:	cores twisted to pairs, pairs twisted in layers
Wrapping:	PETP foil
Screen:	tinned copper braiding with a tinned copper drain wire (0,25 mm ²)
Sheath material:	PVC, TM2 acc. to EN 50363-4-1 + VDE 0207-363-4-1
Sheath colour:	grey (RAL 7032)

Outstanding features:

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

Technical data:

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

item no.	no. of pairs x cross section n x 2 x mm ²	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.