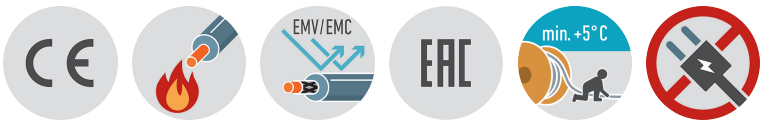
Electronic cable
LiYCY/EB

Application: For signal transmission between electronic devices, in computer systems, process control units or office equipment with increased electromagnetic compatibility requirements. Due to the blue outer sheath the cable is suitable for application in intrinsically safe circuits.

Construction and technical data:

Conductor material:	copper, bare
Conductor construction:	Class 5 = flexible
Insulation:	PVC
Core wrapping:	plastic foil
Screen:	copper braid
Screen coverage:	85 %
Sheathing material:	PVC
Colour of outer sheath:	blue RAL 5015
Flame-retardant:	VDE 0482-332-1-2/IEC 60332-1-2
Permitted outer cable temperature, fixed, °C:	-30 - +70 °C
Permitted outer cable temperature, moved, °C:	+5 - +70 °C
Bending radius, fixed installation:	10 x Ø
Impedance:	78 Ohm
Insulation resistance:	100 MOhmxkm
Specific inductivity:	0.67 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.

LiYCY/EB

Maximum operating capacity: 120 nF/km

Test voltage: 2 kV

Core identification: numbers

peak operating voltage, V: 500 V

part no.	part name	RI [Ohm/km]	Ø [mm]	Cu [kg/km]	G [kg]
032848	02X0.5	39	5.4	29	36
031554	03X0.5	39	5.7	35	45
034844	04X0.5	39	6.3	46	54
034845	12X0.5	39	9.6	114	156
030697	02X0.75	26	5.9	35	56
030662	03X0.75	26	6.2	58	70
030734	04X0.75	26	6.8	66	95
032020	05X0.75	26	7.5	92	130
031598	06X0.75	26	8.1	85	155
030929	07X0.75	26	8.1	103	168
033761	08X0.75	26	9.4	110	145
032644	12X0.75	26	10.8	151	202
032642	18X0.75	26	12.5	211	304
033762	20X0.75	26	13.3	238	363
033763	25X0.75	26	15.1	281	425
033764	30X0.75	26	15.6	319	486
033765	34X0.75	26	16.9	350	523
033766	41X0.75	26	18.3	397	680
031036	02X1	19.5	6.3	58	84
032284	03X1	19.5	6.5	78	106
031037	04X1	19.5	7.2	95	130
031718	05X1	19.5	7.7	98	140
031038	07X1	19.5	8.5	160	192
032005	12X1	19.5	11.4	245	260
032006	18X1	19.5	13.4	286	340
031418	24X1	19.5	15	345	450
032060	25X1	19.5	16.1	396	534
033767	34X1	19.5	17.9	440	741
031914	02X1.5	13.3	7	78	97
031613	03X1.5	13.3	7.5	94	125
032144	04X1.5	13.3	8.2	128	170
031904	05X1.5	13.3	8.9	144	180
033768	07X1.5	13.3	9.6	159	233
033769	12X1.5	13.3	12.9	268	356
032643	18X1.5	13.3	15.5	373	528
031948	24X1.5	13.3	19.5	448	705
033770	25X1.5	13.3	19.5	530	720
033771	30X1.5	13.3	19	555	830
033470	34X1.5	13.3	20.8	645	900
037096	03X2X0.75	13.3	9.1	87	204

LiYCY/EB TP

Maximum operating capacity: 120 nF/km

Test voltage: 2 kV

Core identification: colours acc. to DIN 47100

peak operating voltage, V: 500 V

part no.	part name	Rl [Ohm/km]	Ø [mm]	Cu [kg/km]	G [kg]
034837	02X2X0.5	39	8.1	54	88
035710	04X2X0.5	39	9.1	82	132
032308	12X2X0.5	39	15.1	186	324
031949	02X2X0.75	26	9.5	60	106
031929	04X2X0.75	26	10.3	115	179
033773	06X2X0.75	26	13.3	146	236
035015	10X2X0.75	26	16	238	374
034921	12X2X0.75	26	16.8	270	430
034922	16X2X0.75	26	20	342	562
034925	24X2X0.75	26	24.3	490	794

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