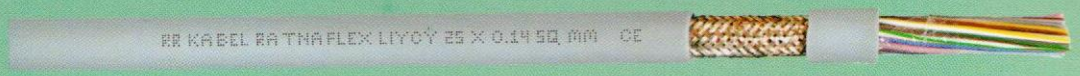
LiYCY



RoHS | CE

Technical data

- PVC data screened cables,
- **Temperature range:** flexing -5°C to +70°C, Fixed installation -20°C to +70°C
- Nominal voltage (Not for power application) 0.14 mm^2 = 350 V, >/= 0.25 mm^2 = 500 V
- **Test voltage :** 0.14 mm^2: 1200 V, > 0.14 mm^2: 1500 V
- **Insulation resistance :** min. 20 MOhm x km
- **Capacitance** (approx. -Value) Core/Core = 120 nF/km, Core/Screen = 160 nF/km
- **Inductance** approx. 0.65 mH/km
- **Minimum bending radius:** flexing 15 x cable ø, Fixed installation 6 x cable ø
- CE= The product conforms with the EC Low-Voltage Directive 2006/95/EC

Cable Construction

- Bare copper, fine wire conductors
- Special PVC core insulation TI2, to EN 50363-3
- Conductor make-up for 0.14 mm^2 = 8 x 0.15 mm, 0.25 mm^2 = 14 x 0.15 mm, 0.34 mm^2 = 7 x 0.25 mm
- Colour coded to DIN 47100, but without colour repetition Refer table 2-2
- Cores stranded in layers with optimal lay-length
- Core wrapping with foil
- Drain-wire, tinned
- Tinned, copper braided screen, approx 85% coverage
- Special PVC outer sheath TM2, to EN 50363-4.1
- Colour Grey (RAL 7035)

Properties

- Overall braid minimises electrical interference Flame retardant to IEC 60332-1-2 Smaller dimension screened cables are suitable for use in computer systems, instrumentation technology office equipment, balance, etc.

To optimise the EMC features we recommend a large round contact of the copper braiding on both ends.

PART NUMBER	Number of cores and conductor cross section (mm^2)	Nominal Cable Diameter. mm	Approx Copper Weight kg/km	Approx. Cable Weight kg/km
04 02 002C 00X5	2 x 0.5	5.4	19.1	27
04 02 003C 00X5	3 x 0.5	5.8	24.6	33
04 02 004C 00X5	4 x 0.5	6.4	30.2	40
04 02 005C 00X5	5 x 0.5	6.8	35.8	46
04 02 006C 00X5	6 x 0.5	7.4	42.1	53
04 02 007C 00X5	7 x 0.5	7.6	46.5	58
04 02 008C 00X5	8 x 0.5	8.3	52.5	65
04 02 010C 00X5	10 x 0.5	9.4	64.7	81
04 02 012C 00X5	12 x 0.5	9.7	73.8	90
04 02 014C 00X5	14 x 0.5	10.4	83.5	101
04 02 016C 00X5	16 x 0.5	11.1	93.7	112
04 02 018C 00X5	18 x 0.5	11.6	103.8	123
04 02 019C 00X5	19 x 0.5	11.7	108.7	128
04 02 020C 00X5	20 x 0.5	12.6	114.3	135
04 02 024C 00X5	24 x 0.5	13.7	134.9	159
04 02 025C 00X5	25 x 0.5	13.9	139.4	164
04 02 027C 00X5	27 x 0.5	14.0	149.3	174
04 02 030C 00X5	30 x 0.5	14.6	163.2	189

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PART NUMBER	Number of cores and conductor cross section (mm^2)	Nominal Cable Diameter. mm	Approx Copper Weight kg/km	Approx. Cable Weight kg/km
04 02 002C 0X75	2 x 0.75	6.2	25.0	34
04 02 003C 0X75	3 x 0.75	6.4	32.4	42
04 02 004C 0X75	4 x 0.75	7.0	40.4	51
04 02 005C 0X75	5 x 0.75	7.6	48.7	61
04 02 007C 0X75	7 x 0.75	8.5	63.8	77
04 02 008C 0X75	8 x 0.75	9.2	72.3	88
04 02 010C 0X75	10 x 0.75	10.5	88.5	107
04 02 012C 0X75	12 x 0.75	10.9	102.4	122
04 02 018C 0X75	18 x 0.75	13	146.1	170
04 02 025C 0X75	25 x 0.75	15.5	198.2	227
04 02 030C 0X75	30 x 0.75	16.8	232.3	263
04 02 002C 0001	2 x 1	6.5	30.7	41
04 02 003C 0001	3 x 1	6.9	40.3	52
04 02 004C 0001	4 x 1	7.5	50.7	63
04 02 005C 0001	5 x 1	8.3	61.3	75
04 02 007C 0001	7 x 1	9.0	80.6	96
04 02 010C 0001	10 x 1	11.4	112.5	134
04 02 012C 0001	12 x 1	11.7	131.3	153
04 02 018C 0001	18 x 1	13.4	188.7	216
04 02 025C 0001	25 x 1	16.2	255.3	290
04 02 002C 01X5	2 x 1.5	7.5	63.0	88.0
04 02 003C 01X5	3 x 1.5	8.0	76.0	100.0
04 02 004C 01X5	4 x 1.5	8.7	98.0	126.0
04 02 005C 01X5	5 x 1.5	9.6	116.0	160.0
04 02 006C 01X5	6 x 1.5	10.6	140.0	192.0
04 02 007C 01X5	7 x 1.5	10.7	152.0	208.0
04 02 008C 01X5	8 x 1.5	11.7	172.0	244.0
04 02 010C 01X5	10 x 1.5	13.5	193.0	315.0
04 02 012C 01X5	12 x 1.5	14.0	254.0	338.0
04 02 014C 01X5	14 x 1.5	15.0	272.0	383.0
04 02 016C 01X5	16 x 1.5	15.7	285.0	424.0
04 02 019C 01X5	19 x 1.5	17.1	387.0	506.0
04 02 024C 01X5	24 x 1.5	19.5	448.0	690.0
04 02 027C 01X5	27 x 1.5	19.8	506.0	781.0
04 02 037C 01X5	37 x 1.5	23.6	682.0	941.0

Note:- Dimensions and specifications may be changed without prior notice.