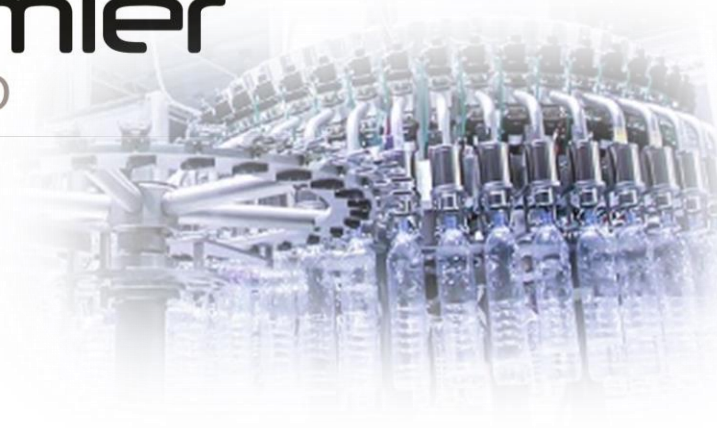


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LiYCY Control Flex



VDE 0482-332-1-2/IEC 60332-1-2, EN 60811-2-1



APPLICATION

Designed to avoid external high frequency interference, Screened Control Cables are flexible in design and application. Examples include control, signalling, measurement, motor and robotics.

CONSTRUCTION

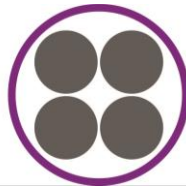
Conductor	Class 5 bare copper to DIN VDE 0295 or IEC 60228
Insulation	PVC (Polyvinyl Chloride)
Screen	TCWB (Tinned copper wire braid)
Sheath	PVC (Polyvinyl Chloride)
Rated voltage	300/500v
Test voltage	core/core 4000v – core/shield 2000v
Insulation resistance	≥ 20 MΩ x km
Min bending radius Fixed	6 x O/D
Min bending radius Moved	15 x O/D
Operating Temperature Fixed min/max	-40°C to +80°C
Operating Temperature Moved min/max	-5°C to +70°C
Sheath colour	Grey
Core identification	Number coded to DIN VDE 0295 Black cores white numbers + green/yellow

Also available with colour codes cores to DIN 47100



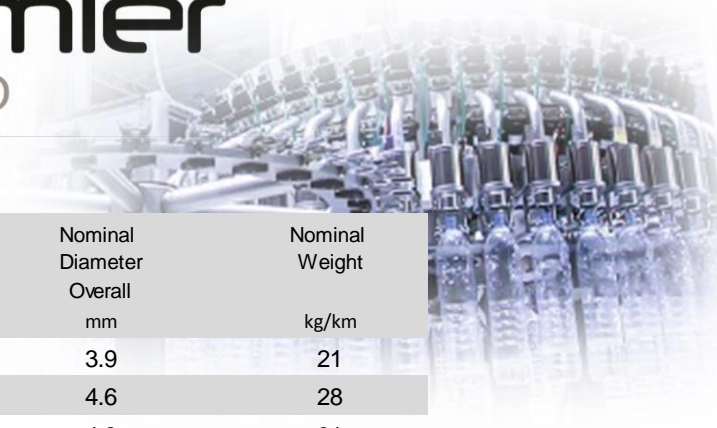
Also Available in LSZH ([low smoke zero halogen](#))





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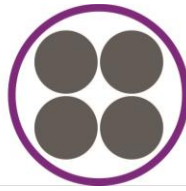


Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03002X000.14	2	0.14	3.9	21
03002X000.25	2	0.25	4.6	28
03002X000.34	2	0.34	4.8	31
03002X000.5	2	0.5	5.0	36
03002X000.75	2	0.75	6.7	62
03002X001	2	1	7.0	74
03002X001.5	2	1.5	7.7	86

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03003X000.14	3	0.14	4.0	40
03003X000.25	3	0.25	4.8	34
03003X000.34	3	0.34	5.0	38
03003X000.5	3	0.5	5.3	45
03003X000.75	3	0.75	7.0	73
03003X001	3	1	7.3	89
03003X001.5	3	1.5	8.0	107

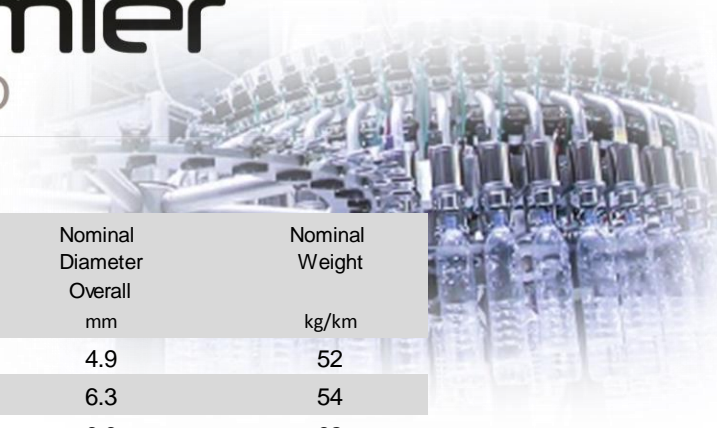
Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03004X000.14	4	0.14	4.2	43
03004X000.25	4	0.25	5.2	40
03004X000.34	4	0.34	5.4	46
03004X000.5	4	0.5	5.7	54
03004X000.75	4	0.75	7.6	92
03004X001	4	1	8.0	107
03004X001.5	4	1.5	9.0	129

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03005X000.14	5	0.14	4.6	47
03005X000.25	5	0.25	5.7	48
03005X000.34	5	0.34	5.9	54
03005X000.5	5	0.5	6.4	67
03005X000.75	5	0.75	8.2	110
03005X001	5	1	8.6	132
03005X001.5	5	1.5	10.0	150



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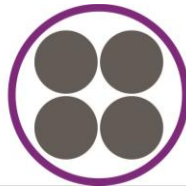


Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03006X000.14	6	0.14	4.9	52
03006X000.25	6	0.25	6.3	54
03006X000.34	6	0.34	6.6	62
03006X000.5	6	0.5	6.9	76
03006X000.75	6	0.75	9.1	128

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03007X000.14	7	0.14	5.0	54
03007X000.25	7	0.25	6.3	61
03007X000.34	7	0.34	6.7	70
03007X000.5	7	0.5	7.0	84
03007X000.75	7	0.75	9.2	145
03007X001	7	1	9.7	158
03007X001.5	7	1.5	10.8	192

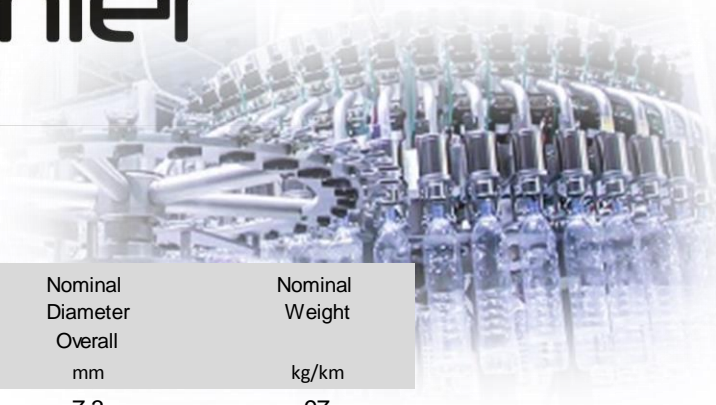
Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03008X000.14	8	0.14	6.0	58
03008X000.25	8	0.25	6.4	66
03008X000.34	8	0.34	7.0	76
03008X000.5	8	0.5	7.3	107
03008X000.75	8	0.75	9.8	151
03008X001	8	1	10.5	179

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03012X000.14	12	0.14	6.7	81
03012X000.25	12	0.25	7.4	90
03012X000.34	12	0.34	9.0	128
03012X000.5	12	0.5	9.5	155
03012X000.75	12	0.75	12.0	216
03012X001	12	1	12.5	254
03012X001.5	12	1.5	14.0	315



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Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
01016X000.14	16	0.14	7.3	97
01016X000.25	16	0.25	9.6	135
01016X000.5	16	0.5	10.7	186

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
01018X000.25		0.25	10.0	150
01018X000.75		0.75	13.9	311
01018X001.5		1.5	15.5	450

Premier Part No	number of cores	Nominal Cross Section mm ²	Nominal Diameter Overall mm	Nominal Weight kg/km
03025X000.5		0.5	13.4	313
03025X000.75		0.75	16.6	404

*The information contained within this data sheet is for guidance only.
Cable and gland sizes are nominal and may vary according to different manufacturer's tolerances.
Every possible effort is made to ensure that the Information contained in this data sheet is correct.
However, we reserve the right to change the information or specification at any time in the light of technical developments or revisions.
References to or extracts from British Standards, current IEE regulations or other regulatory bodies should be verified with these organisations.*