



High Performance



Low-frequency data cables. Suitable for use in electrical circuits for measurement, control and regulation. High reliability, PVC or PUR outer sheath, special polypropylene insulation and non-woven fabric ribbon tape. Designed for use with cable chains with 5 cycles (DP version) to 10 million (HP version).



CONSTRUCTION FEATURES

Conductor	Extra Flexible Bare Copper Class 6
Insulation	Special Polypropylene
Colour Code	DIN 47100
Layup	Levels divided by Non-Woven Tape
Separator	Easy strip away tape
Outer Sheath	PUR
Colour	Grey / RAL 7001

PRODUCT'S FEATURES

	Operating Voltage 300V
	Temperature static -50 °C / +90 °C dynamic -40 °C / +90 °C
	Dielectric Strength 1.5 kV acc.to EN 50395 Part 6 - 7
	Insulation Resistance ≥ 2500 MΩ x km acc.to EN 50395 Part 8
	Electrical Resistance IEC 60228 Cl.6 EN 50395 Part. 5

MECHANICAL FEATURES

	Speed 600 m/min
	Bending Radius 6.5 x Ø
	Acceleration 60 m/sec ²
	Cycles 10.000.000
	Torsion ±30°/1000 mm
	Pulling ≤ 20 N/mm ²

Eurocabos Code	MotioCables Code	Formation	Outer Diameter	Copper Weight	Weight approx. kg/km
EUR-313-0900	LDN26X02UP-G	2x0,14	3.7	3	22
EUR-313-0901	LDN26X03UP-G	3x0,14	3.8	4	24
EUR-313-0902	LDN26X04UP-G	4x0,14	4.1	6	29
EUR-313-0903	LDN26X05UP-G	5x0,14	4.4	7	33
EUR-313-0905	LDN26X07UP-G	7x0,14	4.7	10	47
EUR-313-0906	LDN26X08UP-G	8x0,14	5.0	11	53
EUR-313-0907	LDN26X10UP-G	10x0,14	5.7	14	59
EUR-313-0908	LDN26X12UP-G	12x0,14	5.9	17	67
EUR-313-0909	LDN26X14UP-G	14x0,14	6.3	19	74
EUR-313-0911	LDN26X18UP-G	18x0,14	6.8	24	86
EUR-313-0915	LDN26X25UP-G	25x0,14	8.1	34	120
EUR-313-0930	LDN24X02UP-G	2x0,25	4.1	4	27
EUR-313-0931	LDN24X03UP-G	3x0,25	4.3	6	33
EUR-313-0932	LDN24X04UP-G	4x0,25	4.5	8	40
EUR-313-0933	LDN24X05UP-G	5x0,25	4.8	11	48
EUR-313-0935	LDN24X07UP-G	7x0,25	5.5	15	60
EUR-313-0936	LDN24X08UP-G	8x0,25	5.9	18	68
EUR-313-0937	LDN24X10UP-G	10x0,25	6.2	21	70
EUR-313-0938	LDN24X12UP-G	12x0,25	6.8	25	91
EUR-313-0939	LDN24X14UP-G	14x0,25	7.0	30	102
EUR-313-0941	LDN24X18UP-G	18x0,25	7.7	38	125
EUR-313-0946	LDN24X25UP-G	25x0,25	8.9	53	170
EUR-313-0962	LDN22X02UP-G	2x0,34	4.6	7	32
EUR-313-0963	LDN22X03UP-G	3x0,34	4.8	10	40
EUR-313-0964	LDN22X04UP-G	4x0,34	5.1	13	55
EUR-313-0965	LDN22X05UP-G	5x0,34	5.5	16	60
EUR-313-0967	LDN22X07UP-G	7x0,34	6.4	23	80
EUR-313-0968	LDN22X08UP-G	8x0,34	6.8	26	91
EUR-313-0969	LDN22X10UP-G	10x0,34	7.2	33	112
EUR-313-0970	LDN22X12UP-G	12x0,34	7.8	40	127
EUR-313-0971	LDN22X14UP-G	14x0,34	8.1	46	142
EUR-313-0973	LDN22X18UP-G	18x0,34	8.9	59	175
EUR-313-0978	LDN22X25UP-G	25x0,34	10.4	82	238