



Dynamic 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).

 **Flame Resistant**
IEC 60332-1-2; UL WV1; UL FT1

 **Oil Resistant (O-III)**
EN 50363-4-1, UL 1581

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	PVC Oil Resistant
Colour	Grey / RAL 7001

PRODUCT'S FEATURES

	Operating Voltage 300V
	Temperature static -40 °C / +90 °C dynamic -25 °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 300 m/min
	Bending Radius 6.5 x Ø
	Acceleration 20 m/sec ²
	Cycles 5.000.000
	Torsion ±30°/1000 mm
	Pulling ≤ 20 N/mm ²

Eurocabos Code	MotioCables Code	Formation	Outer Diameter	Copper Weight	Weight approx. kg/km
EUR-310-0900	LDN26X02UR-G	2x0,14	3.7	3	23
EUR-310-0901	LDN26X03UR-G	3x0,14	3.8	4	25
EUR-310-0902	LDN26X04UR-G	4x0,14	4.1	6	30
EUR-310-0903	LDN26X05UR-G	5x0,14	4.4	7	35
EUR-310-0905	LDN26X07UR-G	7x0,14	4.7	10	49
EUR-310-0906	LDN26X08UR-G	8x0,14	5.0	11	56
EUR-310-0907	LDN26X10UR-G	10x0,14	5.7	14	64
EUR-310-0908	LDN26X12UR-G	12x0,14	5.9	17	71
EUR-310-0909	LDN26X14UR-G	14x0,14	6.3	19	77
EUR-310-0911	LDN26X18UR-G	18x0,14	6.8	24	90
EUR-310-0915	LDN26X25UR-G	25x0,14	8.1	34	124
EUR-310-0930	LDN24X02UR-G	2x0,25	4.1	4	28
EUR-310-0931	LDN24X03UR-G	3x0,25	4.3	6	33
EUR-310-0932	LDN24X04UR-G	4x0,25	4.5	8	39
EUR-310-0933	LDN24X05UR-G	5x0,25	4.8	11	50
EUR-310-0935	LDN24X07UR-G	7x0,25	5.5	15	63
EUR-310-0936	LDN24X08UR-G	8x0,25	5.9	18	72
EUR-310-0937	LDN24X10UR-G	10x0,25	6.2	21	83
EUR-310-0938	LDN24X12UR-G	12x0,25	6.8	25	95
EUR-310-0939	LDN24X14UR-G	14x0,25	7.0	30	107
EUR-310-0941	LDN24X18UR-G	18x0,25	7.7	38	130
EUR-310-0946	LDN24X25UR-G	25x0,25	8.9	53	177
EUR-310-0962	LDN22X02UR-G	2x0,34	4.6	7	33
EUR-310-0963	LDN22X03UR-G	3x0,34	4.8	10	42
EUR-310-0964	LDN22X04UR-G	4x0,34	5.1	13	56
EUR-310-0965	LDN22X05UR-G	5x0,34	5.5	16	64
EUR-310-0967	LDN22X07UR-G	7x0,34	6.4	23	84
EUR-310-0968	LDN22X08UR-G	8x0,34	6.8	26	96
EUR-310-0969	LDN22X10UR-G	10x0,34	7.2	33	116
EUR-310-0970	LDN22X12UR-G	12x0,34	7.8	40	133
EUR-310-0971	LDN22X14UR-G	14x0,34	8.1	46	150
EUR-310-0973	LDN22X18UR-G	18x0,34	8.9	59	182
EUR-310-0978	LDN22X25UR-G	25x0,34	10.4	82	250