



Dynamic Performance



Shielded cables for low frequency data transmission with excellent quality/price ratio. Suitable for use in electrical measurement, control and regulation circuits. High reliability, external sheath in PVC or PUR, insulation in special polypropylene and taping in non-woven fabric tape. Designed for use in energy chains with cycles from 5 (DP version) to 10 million (HP version). Tinned copper shielding with optical coverage $\geq 85\%$

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

Oil Resistant (0-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
Shield	Tinned copper Wire Braid O.C $\geq 85\%$
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 $\geq 2500 \text{ M}\Omega \times \text{km}$ 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 $\varnothing$
	Acceleration 20 m/sec ²
	Cycles 5.000.000
	Torsion $\pm 30^\circ/1000 \text{ mm}$
	Pulling $\leq 20 \text{ N/mm}^2$

Eurocabos Code	MotioCables Code	Formation	Outer Diameter	Copper Weight	Weight approx. kg/km
EUR-311-0900	LDS26X02UR-G	(2x0,14)	4.1	10	33
EUR-311-0901	LDS26X03UR-G	(3x0,14)	4.2	11	36
EUR-311-0902	LDS26X04UR-G	(4x0,14)	4.5	13	41
EUR-311-0903	LDS26X05UR-G	(5x0,14)	4.8	16	46
EUR-311-0905	LDS26X07UR-G	(7x0,14)	5.1	19	70
EUR-311-0906	LDS26X08UR-G	(8x0,14)	5.4	21	80
EUR-311-0907	LDS26X10UR-G	(10x0,14)	6.1	27	88
EUR-311-0908	LDS26X12UR-G	(12x0,14)	6.3	30	97
EUR-311-0909	LDS26X14UR-G	(14x0,14)	6.7	33	105
EUR-311-0911	LDS26X18UR-G	(18x0,14)	7.2	41	122
EUR-311-0915	LDS26X25UR-G	(25x0,14)	8.5	54	162
EUR-311-0930	LDS24X02UR-G	(2x0,25)	4.6	12	39
EUR-311-0931	LDS24X03UR-G	(3x0,25)	4.8	15	45
EUR-311-0932	LDS24X04UR-G	(4x0,25)	5.0	18	52
EUR-311-0933	LDS24X05UR-G	(5x0,25)	5.3	21	70
EUR-311-0935	LDS24X07UR-G	(7x0,25)	6.0	27	88
EUR-311-0936	LDS24X08UR-G	(8x0,25)	6.4	30	100
EUR-311-0937	LDS24X10UR-G	(10x0,25)	6.7	43	114
EUR-311-0938	LDS24X12UR-G	(12x0,25)	7.3	45	128
EUR-311-0939	LDS24X14UR-G	(14x0,25)	7.5	49	140
EUR-311-0941	LDS24X18UR-G	(18x0,25)	8.2	64	166
EUR-311-0946	LDS24X25UR-G	(25x0,25)	9.4	88	220
EUR-311-0962	LDS22X02UR-G	(2x0,34)	5.1	16	46
EUR-311-0963	LDS22X03UR-G	(3x0,34)	5.3	19	62
EUR-311-0964	LDS22X04UR-G	(4x0,34)	5.6	24	80
EUR-311-0965	LDS22X05UR-G	(5x0,34)	6.0	28	88
EUR-311-0967	LDS22X07UR-G	(7x0,34)	6.9	38	116
EUR-311-0968	LDS22X08UR-G	(8x0,34)	7.3	42	133
EUR-311-0969	LDS22X10UR-G	(10x0,34)	7.7	51	156
EUR-311-0970	LDS22X12UR-G	(12x0,34)	8.3	59	167
EUR-311-0971	LDS22X14UR-G	(14x0,34)	8.6	72	195
EUR-311-0973	LDS22X18UR-G	(18x0,34)	9.4	85	225
EUR-311-0978	LDS22X25UR-G	(25x0,34)	10.9	122	325