

# Cabo LVAV

## Construction

Conductor: Aluminum (class 2)

Insulation: XLPE (Cross-Linked Polyethylene)

Sheath: PVC (Polyvinyl Chloride)



## Applications

Cabo LVAV is primarily designed for power distribution across both industrial plants and residential areas. It is suitable for versatile installation methods, including indoors, cable trenches, and pipelines. While the cable allows for direct burial in soil, it is not engineered to withstand large external mechanical forces, so it should be installed in areas free from heavy physical stress.

## Standard

IEC 60502-1, IEC 60228

HD 603-40 (Europe)

## Specification

Voltage Rating	0.6/1 kV
Test Voltage	3500v
Max Conductor Temperature	70°C
Max. temperature during short circuit (≤5S)	160
Min. Bending radius	12 x cableØ

## Technical Data

Nominal cross sectional area	Approximate outer diameter	Approx. weight	Max. D. C resistance of conductor (20°C)	Current carrying capacity	
				In Air (A)	In Ground (A)
mm <sup>2</sup>	mm	kg/km	/km		
4*10	21.5	597	3.08	38	54
4*16	24.1	747	1.91	51	71
4*25	28.1	989	1.2	66	92
4*35	29.8	1166	0.868	81	110
4*50	34.6	1537	0.641	98	130
4*70	40	2327	0.443	120	160
4*95	45.4	2951	0.32	150	195
4*120	49.5	3498	0.253	180	225
4*150	54.4	4192	0.206	205	250
4*185	60	5035	0.164	235	285
4*240	66.9	6229	0.125	280	330