

ALUS-D (ABC-D) 1KV

ABC-D is a 1 kV aerial bundled cable designed for power distribution. It is intended for fixed outdoor installation in air and is commonly used as a down conductor. For short sections, the cable may also be installed in protective conduits underground, providing installation flexibility.

The cable is halogen-free, enhancing fire safety by reducing smoke emissions and eliminating corrosive gases. This makes ABC-D a safe and reliable solution for modern power distribution networks.

APPLICATION

The cable is designed for fixed installations in the air and ground. The design makes it possible to continue down the last pole into a connection box. Some customers even run the in pipes underground short distances

STANDARDS

Conductor

IEC 60228 Class 2

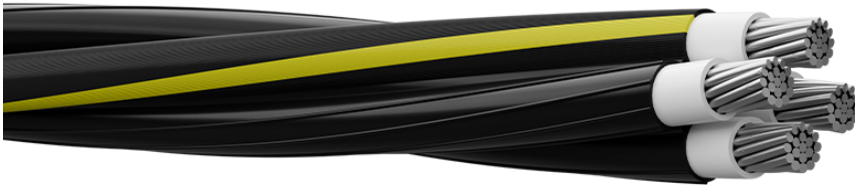
PROPERTIES

Max temperature

65 °C

Min. temperature

-15 °C



Name	E-Number	Construction	Cross section [mm ²]	Conductor diameter [mm]	Core diameter [mm]	Insulation thickness [mm]	Outer diameter [mm]	Maximum breaking load [kN]	Total weight [kg/km]	Installation Current in open air, ambient temperature 30°C [A]
ALUS-D 4x25	0031805	4x25	25	5.9	9.5	1.8	23.3	16.8	425	87
ALUS-D 4x25	0031807	4x25	25	5.9	9.5	1.8	23.3	16.8	425	87
ALUS-D 4x25	0031808	4x25	25	5.9	9.5	1.8	23.3	16.8	425	87
ALUS-D 4x50	0031815	4x50	50	8.2	12	1.9	29.4	29.6	720	131
ALUS-D 4x50	0031817	4x50	50	8.2	12	1.9	29.4	29.6	720	131
ALUS-D 4x50	0031818	4x50	50	8.2	12	1.9	29.4	29.6	720	131
ALUS-D 4x95	0031825	4x95	95	11.9	16.1	2.1	39.7	56	1360	205
ALUS-D 4x95	0031827	4x95	95	11.9	16.1	2.1	39.7	56	1360	205
ALUS-D 4x120		4x120	120	13.1	18.1	2.5	44.3	70.7	1735	239
ALUS-D 4x120	0031830	4x120	120	13.1	18.1	2.5	44.3	70.7	1735	239

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