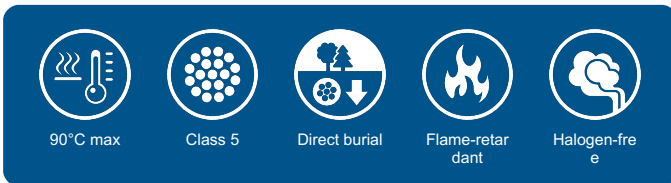




ALU Q-FLEX



Flexible aluminium, double insulated, halogen free, single core conductor. Designed for 0,6/1kV AC and 1,5kV DC. Suitable for installation in battery storage and charging stations outdoors. Suitable for direct burial. Alu-Q-Flex is flexible, lightweight, and easy to handle. When used with the Elpress crimping system Dual 5, it ensures a safe and reliable connection

STANDARDS

Conductor

IEC 60228 Class 5 (IAP)

Construction

IEC 60502-1 (IAP)

Material

EN 50363-8

Flame retardant

EN 50575:2014+A1:2016

Halogen free

IEC 60754-1

IEC 60754-2

Smoke density

IEC 61034-1

IEC 61034-2

CONSTRUCTION

Color

Black (or customer's choice)

Labeling example

ALU Q-Flex [size] 0,6/1kV YY/WW meter marking

Bending radius - Minimum

4 xOD

PROPERTIES

Max temperature

90 °C

Min. temperature

25 °C

AC Voltage rating U_0/U (U_m)

0,6/1 (1,2)kv

Voltage rating (DC)

0,9/1,5 (1,8)kv

CPR class

Dca

CONSTRUCTION

Conductor

Flexible Aluminium

Insulation

XHFFR

Outer sheath

HFFR



Name	Outer diameter [mm]	Installation Current in open air, ambient temperature 30°C [A]	Max resistance of conductor @20°C [Ω/km]	Total weight [kg/km]
ALU Q-Flex 1X50	14.4	210	0.641	267
ALU Q-Flex 1X70	17.7	271	0.443	380
ALU Q-Flex 1X95	19.2	332	0.32	470
ALU Q-Flex 1X120	20.5	387	0.253	570
ALU Q-Flex 1X150	23.7	448	0.206	720
ALU Q-Flex 1X185	26	515	0.164	880
ALU Q-Flex 1X240	28.5	611	0.125	1080
ALU Q-Flex 1X300	30.9	708	0.1	1290

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