



AMOCHARGE Q-FLEX



APPLICATION

Q-Flex is a flame retardant and halogen free flexible and double insulated single core cable. Designed for 0,6/1kV AC and 1,5kV DC. Suitable for use in short-circuit-proof installations, battery storage, charging stations och powerplant centrals outdoors. Q-Flex is flexible, easy to work with and suitable for direct burial.

STANDARDS

Conductor
IEC 60228 Class 5

Material
EN 50363-8

Smoke density
IEC 61034-1
IEC 61034-2

Construction
IEC 60502-1 (IAP)

Halogen free
IEC 60754-1
IEC 60754-2

Flame retardant
IEC 60332-1-2

APPROVAL



CONSTRUCTION

Conductor
Class 5 Bare flexible copper

Insulation
XHFFR

Outer sheath
HFFR

Color
Black (Other colors on request)

Labeling example
AmoCharge Q-Flex -size- 0,6/1kV AC 1,5kV DC YY/WW + meter marking (or customer unique marking on request)

PROPERTIES

Conductor temperature
90 °C

Min. temperature
-30 °C

Max temperature
90 °C

AC Voltage rating $U_0/U (U_m)$
0,6/1 (1,2)

Voltage rating (DC)
0,9/1,5 (1,8)



Name	Outer diameter [mm]	Total weight [kg/km]	Installation Current in open air, ambient temperature 30°C [A]
AmoCharge Q-Flex 1X10	8.2	145	98
AmoCharge Q-Flex 1X16	9.2	200	132
AmoCharge Q-Flex 1X25	10.8	290	176
AMOCharge Q-Flex 1X35	12.1	390	218
AMOCharge Q-Flex 1X50	13.5	530	276
AMOCharge Q-Flex 1X70	16.4	760	347
AMOCharge Q-Flex 1X95	17.5	960	416
AMOCharge Q-Flex 1X120	20.1	1200	488
AMOCharge Q-Flex 1X150	23	1520	566
AMOCharge Q-Flex 1X185	24.7	1830	644
AMOCharge Q-Flex 1X240	28.5	2430	775
AMOCharge Q-Flex 1X300	29.9	2920	898
AMOCharge Q-Flex 1X400	34.1	3940	1026

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