

## AMOCharge Q-flex



### Applications:

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.

### Properties:

Conductor temperature	+90°C
Temperature range	-30 to +90°C
Voltage Rating Uo/U	0,6/1kV
Voltage Rating	1,5kV DC

### Standards:

Conductor	IEC 60228,5
Construction	IEC 60502-1 IAP EN 50363,8
Flame properties	IEC 60332-1-2
Halogen free	IEC 60754-1,2
Smoke density	IEC 61034-1,2
CPR Class	Dca - s2,d2,a1

### Construction

Conductor	Class 5 Bare flexible copper
Insulation	XHFFR
Outer sheath	HFFR
Marking	AMOCharge Q-Flex -size- 0,6/1kV AC 1,5kV DC YY/WW + meter marking (or customer unique marking on request)
Outer sheath colour	Black (Other colours on request)
Bending radius, fixed installation	4 x Outer diameter

Number of cores X conductor cross- section	Nominal outer diameter	Weight	Current rating installation in open air, ambient 30°C	GTIN EAN Code	EL Number
[mm <sup>2</sup> ]	[mm]	[kg/km]	[A]		
1X10	8,2	145	98	7340060537348	1012352
1X16	9,2	200	132	7340060537355	1012353
1X25	10,8	290	176	7340060537362	1012354
1X35	12,1	390	218	7340060537379	1012355
1X50	13,5	530	276	7340060537386	1012356
1X70	16,4	760	347	7340060537393	1012357
1X95	17,5	960	416	7340060537409	1012358
1X120	20,1	1200	488	7340060537416	1012359
1X150	23,0	1520	566	7340060539151	1012360
1X185	24,7	1830	644	7340060537423	1012361
1X240	28,5	2430	775	7340060537430	1012362
1X300	29,9	2920	898	7340060537447	1012363
1X400	34,1	3940	1026	7340060537454	1012364