

## 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 AC
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

### 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 color	Black (Other colors on request)
Bending radius, fixed installation	4 x Outer diameter

Number of cores X conductor cross- section	Nominal outer diameter [mm]	Weight [kg/km]	Current rating installation in open air, ambient 30°C [A]	GTIN EAN Code	E-Number
1X10	8,2	145	98		
1X16	9,2	200	132		
1X25	10,8	290	176		
1X35	12,1	390	218		
1X50	13,5	530	276		
1X70	16,4	760	347		
1X95	17,5	960	416		
1X120	20,1	1200	488		
1X150	23,0	1520	566		
1X185	24,7	1830	644		
1X240	28,5	2430	775		
1X300	29,9	2920	898		
1X400	34,1	3940	1026		



IEC228 CLASS 5  
CONDUCTOR



MAX CONT. CONDUCTOR  
TEMPERATURE



FLAME RETARDANT  
ACC. TO IEC 60332-1-2



HALOGEN FREE  
ACC. TO IEC60754-1,-2



LOW SMOKE DENSITY  
ACC. IEC61034-1,-2



WEATHER RESISTANT



CABLE CONFORM TO  
LOW-VOLTAGE DIRECTIVE