

AMCharge Flex



Applications:

AMCharge Flex is a further development of AMOCharge that facilitates installation in confined spaces. With multi-stranded class 5 copper conductors, AMOCharge Flex is a flexible hybrid cable, designed for installation where power control and communication are needed. The cable meets the requirements of several types of communication used in EV charging stations, including network devices. AMOCharge Flex is designed for fixed installation indoors, outdoors, and direct burial in the ground, also suitable for routing in conduits.

Properties:

Conductor temperatur +90°C
 Temperature range -25 to +90°C
 Voltage Rating Uo/U 0,6/1kV

Standards:

Conductor IEC 60228,5
 Construction IEC 60502-1 IAP
 HD 603 IAP
 Flame retardant EN 50575:2014+A1:2016
 Halogen free IEC 60754-1, -2
 Smoke density IEC 61034-1, -2

CPR Class Dca

Construction					
Conductor	Class 5 Bare copper				
Insulation	XLPE				
Outer sheath	HFFR				
Marking	AMCharge Flex 5G[size]+2x2x0,75/1x4x0,5/+Ethernet YY/WW CE [m]				
Outer sheath color	Black or customer choice				
Bending radius, fixed installation	6x Outer diameter				
Connection of ethernet cable	Screened products must be used and manufacturers recommendations must be followed. The screen of the ethernet cable must be connected to ground.				
Number of cores X conductor cross- section	Nominal outer diameter	Weight	Current rating installation on surface ambient 30°C	GTIN EAN Code	E-Number
	[mm]	[kg/km]	[A]		
5G6+2x2x0,75	19,4	590	52		0009450
5G6+2x2x0,75+Ethernet	21,3	610	52		0009460
5G10+1x4x0,75	22,6	850	71		0009470
5G10+1x4x0,75+Ethernet	23,5	870	71		0009480
5G16+1x4x0,75	25,0	1150	96		0009490
5G16+1x4x0,75+Ethernet	25,0	1170	96		0009500

