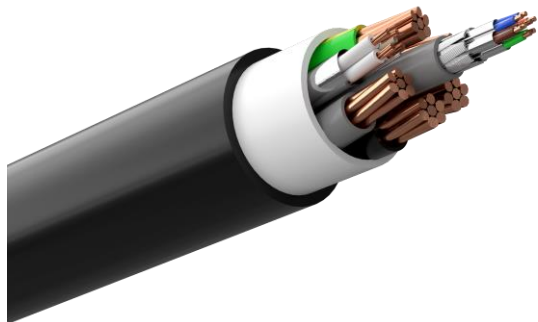


AMOCharge



Properties:

Conductor temperatur +90°C
 Temperature range -40 to +90°C
 Voltage Rating Uo/U 0,6/1kV

Standards:

Conductor IEC 60228,2
 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

Applications:

AMOCharge is a halogen free, hybrid cable, designed for installation where both powersupply and control are needed. The cable meets requirements for several types of communications used in EV-charging stations, including network connected devices. AMOCharge is designed for fixed installation indoors, outdoors and in ground for direct burial or in pipes.

CPR Class **Dca**

Construction	
Conductor	Class 2 Bare copper
Insulation	XLPE
Outer sheath	HFFR
Marking	AMOCharge 3G/5G[size]+2x2x0,75/1x4x0,5/+Cat7 YY/WW CE [m]
Outer sheath color	Black or customer choice
Bending radius, fixed installation	6x Outer diameter
Communication options	Twisted pairs, Bus, Fiber, Ethernet.
UV	GOOD
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 [mm]	Weight [kg/km]	Current rating installation on surface ambient 30°C [A]	GTIN EAN Code	E-Number
3G2,5+1X4X0,75	15,1	300	30		0462650
3G2,5+Cat7	15,7	270	30		0462660
5G2,5+2X2X0,75	16,9	385	30		0462670
5G2,5+Cat7	18,0	370	30		0462680
5G2,5+2X2X0,75+Cat7	18,4	410	30		0462690
3G6+1x4x0,75	18,3	450	52		0462570
3G6+Cat7	18,3	470	52		0462580
5G6+2x2x0,75	19,4	570	52		0462590
5G6+2x2x0,75+Cat7	21,7	640	52		0462600
5G10+1x4x0,75	22,1	790	71		0462610
5G10+1x4x0,75+Cat7	22,1	805	71		0462620
5G16+1x4x0,75	25,0	1100	96		0462630
5G16+1x4x0,75+Cat7	25,0	1100	96		0462640

