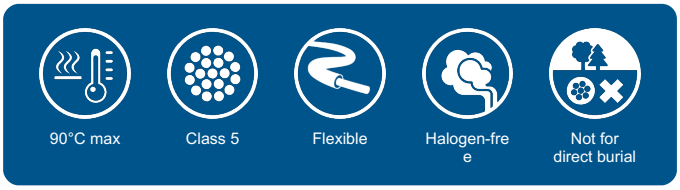
AMOSOFT G2



AmoSoft G2 is an extra flexible double insulated single core cable. Specially designed for use in industrial applications were extreme flexibility is needed. Suitable for use in short-circuit-proof installations, such as distribution panels and switching devices. AMOSoft G2 and its rare flexibility is one of the easiest products to work with.

STANDARDS

Conductor
IEC 60228 Class 5

Flame retardant
EN 50575:2014+A1:2016

Halogen free
IEC 60754-1
IEC 60754-2

Material
EN 50363-8
EN 50363-7

CONSTRUCTION

Color
Black or customer choice

Insulation
TPE FR

Outer sheath
TPE FR

Bending radius - Minimum
4 xOD

Labeling example
AmoSoft G2 -size- 0,6/1kV YY/WW CE

PROPERTIES

CPR class
Dca

Max temperature
90 °C

Min. temperature
-40 °C

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

INSTALLATION METHODS

In air

Indoor

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Name	Cross section [mm²]	Outer diameter [mm]	Installation Current in open air, ambient temperature 30°C [A]	Total weight [kg/km]	Max resistance of conductor @20°C [Ω/km]
AmoSoft G2 1X10	10	8.8	98	145	1.91
AmoSoft G2 1X16	16	9.8	132	200	1.21
AmoSoft G2 1X25	25	11.4	176	300	0.78
AmoSoft G2 1X35	35	12.7	218	400	0.554
AmoSoft G2 1X50	50	14.8	276	540	0.386
AmoSoft G2 1X70	70	16.8	347	760	0.386
AmoSoft G2 1X95	95	18.7	416	1020	0.206
AmoSoft G2 1X120	120	20.9	488	1210	0.161
AmoSoft G2 1X150	150	23.9	566	1550	0.129
AmoSoft G2 1X185	185	26.2	644	1870	0.106
AmoSoft G2 1X240	240	29.7	775	2410	0.0801
AmoSoft G2 1X300	300	32.7	898	2980	0.0641
AmoSoft G2 1X400	400	36.5	1026	4040	0.0486

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