

AmoSoft G2



AMOSoft G2 is an extra flexible double insulated single core cable. Specially designed for use in industrial applications where 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.

Properties:

Conductor temperature +90°C
 Temperature range -40 to +90°C
 Voltage Rating Uo/U (Urr 0,6/1 (1,2)kV AC
 Voltage Rating Uo/U (Urr 0,9/1,5 (1,8)kV DC

Standards:

Conductor IEC 60228,5
 Construction EN 50363,7
 EN 50363,8
 Flame retardant EN 50575:2014 + A1:2016
 Halogen free IEC 60754-1,2
 CPR-class Dca - s2, d2, a3

Construction

| | |
|------------------------------------|---|
| Conductor | Class 5 Bare flexible copper |
| Insulation | Flame retardant TPE |
| Outer sheath | Flame retardant TPE |
| Marking | AmoSoft G2 -size- 0,6/1kV YY/WW CE (customer unique marking on request) |
| Outer sheath colour | Black (Other colours on request) |
| Bending radius, fixed installation | 4 x Outer diameter |

| Designation | Nominal outer diameter [mm] | Current rating installation in open air, ambient 30°C [A] | Weight [kg/km] | E-number |
|------------------|--------------------------------|--|-------------------|----------|
| AmoSoft G2 1X10 | 8,8 | 98 | 145 | 0378820 |
| AmoSoft G2 1X16 | 9,8 | 132 | 200 | 0378830 |
| AmoSoft G2 1X25 | 11,4 | 176 | 300 | 0378840 |
| AmoSoft G2 1X35 | 12,7 | 218 | 400 | 0378850 |
| AmoSoft G2 1X50 | 14,8 | 276 | 540 | 0378860 |
| AmoSoft G2 1X70 | 16,8 | 347 | 760 | 0378870 |
| AmoSoft G2 1X95 | 18,7 | 416 | 1020 | 0378880 |
| AmoSoft G2 1X120 | 20,9 | 488 | 1210 | 0378890 |
| AmoSoft G2 1X150 | 23,9 | 566 | 1550 | 0378910 |
| AmoSoft G2 1X185 | 26,2 | 644 | 1870 | 0378920 |
| AmoSoft G2 1X240 | 29,7 | 775 | 2410 | 0378930 |
| AmoSoft G2 1X300 | 32,7 | 898 | 2980 | 0378940 |
| AmoSoft G2 1X400 | 36,5 | 1026 | 4040 | 0378950 |