



FEP AWG30-10, 0,05-6,0mm², UL/cUL 10048

Construction

- Conductor: in the following versions:
 - copper tinned($\varnothing > 0,38\text{mm}$)
 - copper nickel plated
 - copper silver plated
 - nickel
 - copper nickel plated 27%
- Insulation: FEP Fluoropolymer "thin-wall"
- Colours: all colours, including transparent

Technical data

- Operating voltage: 1000V
- Temperature range: -90°C bis 200°C

Approvals

- UL- Norm UL 758
- cUL-(CSA) according to Norm C22,2 No. 210
- "horizontal flame test" according to UL-approval
- FT1 "flame rating" according to cUL

Characteristics

- excellent resistance to aggressive chemical environments
- excellent moisture and UV resistance
- excellent mechanical strength

*The indication of the diameter is not binding, as it can vary according to the structure of the soul.

Only the average thickness of the insulation is to be considered.

AWG	cross-section mm ²	Ø insulation thickness (mm)	nominal diameter (mm)*	Article-Number
30	0,05	0,64	1,6	5770030+Colour
28	0,09	0,64	1,7	5770028+Colour
26	0,13	0,64	1,8	5770026+Colour
24	0,22	0,64	1,9	5770024+Colour
22	0,34	0,64	2,05	5770024+Colour
-	0,5	0,64	2,2	5770050+Colour
20	0,6	0,64	2,3	5770020+Colour
-	0,75	0,64	2,4	5770075+Colour

AWG	cross-section mm ²	Øinsulationthickness (mm)	nominal diameter (mm)*	Article-Number
18	0,93	0,64	2,55	5770018+Colour
-	1,00	0,64	2,6	5770100+Colour
16	1,34	0,64	2,8	5770016+Colour
-	1,5	0,64	2,85	5770150+Colour
14	-	0,64	3,2	5770014+Colour
-	2,5	0,64	3,3	5770250+Colour
12	-	0,64	3,6	5770012+Colour
-	4,0	0,64	3,9	5770400+Colour
10	-	0,64	4,3	5770010+Colour
-	6,0	0,64	4,5	5770600+Colour

- Further formats available on request
- All data and products subject to change