



Silicone UL 3644 105°C AWG 4/0 - 21

Construction:

- Conductor: Flexible tinned copper wires class 5 to IEC EN 60228
- Insulation compound: Silicone Rubber
- Marks: E472542 (UR logo) AWM STYLE 3644 150°C 1000V AWM I A 150°C 1000V FT2
- Reference: UL 758 ÷ UL 1581 ÷ 3644 AWM Style
- Temperature rating: -60°C ÷ 150°C
- Voltage rating: 1000 V
- Use: As Motor Leads or Internal Wiring of Appliances or Electronic Equipment where not subjected to mechanical abuse
- at 20°C, Tinned copper values

2011/65/EU of June 8th 2011 on the restriction of the use of certain hazardous substances
in electrical and electronic equipment

AWG-No	qmm	cable Ø mm	Ø insul. thick.	min. insul. thick.	nom. stranding	max cond. resistance at 20°C	article-No.
21	0,50	2,50 +/- 0,1	0,762 mm	0,685 mm	14 x 0,20 mm	40,1 Ohm/km	7817210010
19	0,75	2,80 +/- 0,1	0,762 mm	0,685 mm	21 x 0,20 mm	26,7 Ohm/km	7817190010
18	1,00	2,85 +/- 0,1	0,762 mm	0,685 mm	28 x 0,20 mm	20,0 Ohm/km	7817180010
16	1,50	3,15 +/- 0,1	0,762 mm	0,685 mm	28 x 0,25 mm	13,7 Ohm/km	7817160010
14	2,50	3,60 +/- 0,1	0,762 mm	0,685 mm	47 x 0,25 mm	8,21 Ohm/km	7817140010
12	4,00	4,05 +/- 0,1	0,762 mm	0,685 mm	54 x 0,30 mm	5,09 Ohm/km	7817120010
10	6,00	5,40 +/- 0,2	0,762 mm	0,685 mm	80 x 0,30 mm	3,39 Ohm/km	7817100010

AWG- No	qmm	cableØ mm	Øinsul. thick.	min. insul. thick.	nom. stranding	max cond. resistance at 20°C	article-No.
8	8,00	7,50+/- 0,2	1,143 mm	1,016 mm	77 x 0,40mm	1,95 Ohm/km	7817080010
6	16,00	8,5 +/- 0,2	1,524 mm	1,372 mm	119 x 0,40 mm	1,24 Ohm/km	7817060010
4	25,00	9,70 +/- 0,2	1,524 mm	1,372 mm	182 x 0,40 mm	0,795 Ohm/km	7817040010
2	35,00	11,00 +/- 0,3	1,524 mm	1,372 mm	260 x 0,40 mm	0,565 Ohm/km	7817020010
1	50,00	13,40 +/- 0,3	2,032 mm	1,829 mm	364 x 0,40 mm	0,393 Ohm/km	7817010010
2/0	70,00	15,20 +/- 0,4	2,032 mm	1,829 mm	336 x 0,50 mm	0,277 Ohm/km	7817200010
3/0	95,00	17,01 +/- 0,4	2,032 mm	1,829 mm	456 x 0,50 mm	0,210 Ohm/km	7817300010
4/0	120,00	18,60 +/- 0,4	2,032 mm	1,829 mm	576 x 0,50 mm	0,164 Ohm/km	7817400010

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