

HIGH TEMPERATURE WIRES & CABLES

UL & cUL approval

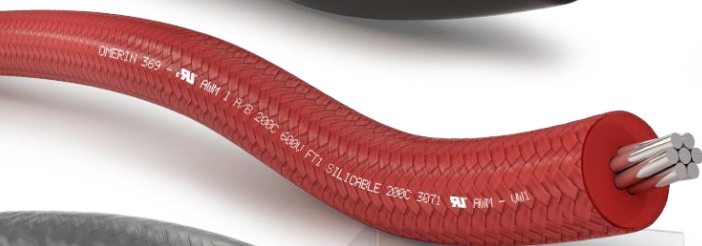
Changes in **UL 858**
require home appliance wiring
to comply with **VW-1 Flame rating**



- ▶ **SILIFLON®**
Fluoropolymer insulated wires



- ▶ **SILICABLE®**
Silicone insulated wires



- ▶ **SILICABLE®**
Silicone insulated wires with reinforcing braid



- ▶ **SILICABLE®**
*Very high temperature
wires with composite insulation*



- ▶ **SILICABLE®**
Silicone sheathed cables



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HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET

FLUOROPOLYMER INSULATED WIRES

SILIFLON® 150°C & 250°C Fluoropolymer insulation UL & cUL approval

VW-1 cUL US



- 1 • Bare, tin-plated, nickel-plated or silver-plated copper core
- 2 • Insulation: Fluorinated polymer

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965
- "Horizontal flame test" as per UL approval
 - "FT1 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

Characteristics General

- Continuous operating temperatures: -90°C to +150°C, +200°C or +250°C (as per style no.)
- Excellent resistance to aggressive chemical environments
- Excellent resistance to humidity and UV
- Excellent mechanical strength

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- All colours including two-coloured
- Stranding of conducting cores: contact us

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper (ø > 0.38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0.38 mm)
- G Nickel-plated copper 27 %

AWM I A/B : Internal wiring

* The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

Style n° Insulation

Approval Nominal cross-section

		10126-VW-1 ETFE "Thin wall"		1333-VW-1 FEP		1332-VW-1 FEP "Thick wall"		1330-VW-1 FEP "Thick wall"		1727-VW-1 PFA	
		AWM I A/B 150°C – 600 V		AWM I A/B 150°C – 300 V		AWM I A/B 200°C – 300 V		AWM I A/B 200°C – 600 V		AWM I A/B 250°C – 600 V	
		Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter	Average thickness of insulation	Nominal diameter
AWG	(mm²)	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*
30	0.05	0.25	0.8	0.33	0.95	0.33	0.95	0.51	1.3	0.51	1.3
28	0.09	0.25	0.9	0.33	1.05	0.33	1.05	0.51	1.4	0.51	1.4
26	0.13	0.25	1.05	0.33	1.15	0.33	1.15	0.51	1.5	0.51	1.5
24	0.22	0.25	1.15	0.33	1.3	0.33	1.3	0.51	1.65	0.51	1.65
22	0.34	0.25	1.3	0.33	1.4	0.33	1.45	0.51	1.85	0.51	1.8
-	0.5	0.25	1.4	0.33	1.6	0.33	1.55	0.51	1.95	0.51	1.95
20	0.6	0.25	1.5	0.33	1.65	0.33	1.7	0.51	2.0	0.51	2.0
-	0.75	0.25	1.55	0.33	1.75	0.33	1.75	0.51	2.1	0.51	2.1
18	0.93	0.25	1.8	0.33	1.9	0.33	1.9	0.51	2.25	0.51	2.2
-	1	0.25	1.8	0.33	1.95	0.33	1.95	0.51	2.3	0.51	2.3
16	1.34	0.25	2.0	0.33	2.2	0.33	2.1	0.51	2.5	0.51	2.45
-	1.5	0.25	2.0	0.33	2.2	0.33	2.2	0.51	2.55	0.51	2.65
14	-	0.25	2.4	0.33	2.55	0.33	2.7	0.51	3.0	0.51	2.85
-	2.5	0.25	2.45	0.33	2.7	0.33	2.7	0.51	3.0	0.51	3.0
12	-	0.38	3.2	0.33	3.1	0.33	3.2	0.51	3.4	0.51	3.4
-	4	0.38	3.35	0.33	3.25	0.33	3.25	0.51	3.6	0.51	3.6
10	-	0.38	4.1	0.33	3.7	0.33	3.9	0.51	4.0	0.51	4.2
-	6	0.38	4.5	0.33	3.9	0.33	3.9	0.51	4.3	0.51	4.3
8	-	0.64	5.4	-	-	-	-	0.76	5.3	0.76	5.7
-	10	0.64	5.7	-	-	-	-	0.76	5.9	0.76	5.9
6	-	0.64	6.6	-	-	-	-	0.76	6.8	0.76	6.8
-	16	0.64	6.7	-	-	-	-	0.76	7.1	0.76	7.1
4	-	0.64	7.8	-	-	-	-	0.76	8.0	0.76	8.0
-	25	0.64	8.3	-	-	-	-	0.76	8.5	0.76	8.5
2	35	0.89	10.0	-	-	-	-	0.76	9.2	0.76	9.6
1	-	0.89	11.0	-	-	-	-	1.14	11.2	1.14	11.2
-	50	0.89	11.4	-	-	-	-	1.14	12.0	1.14	12.0
1/0	-	1.14	12.5	-	-	-	-	1.14	12.5	1.14	12.5
2/0	70	1.14	14.0	-	-	-	-	1.14	14.0	1.14	14.0
3/0	-	1.14	15.2	-	-	-	-	1.14	15.2	1.14	15.2
-	95	1.14	15.4	-	-	-	-	1.14	15.4	1.14	15.4
4/0	-	1.14	16.8	-	-	-	-	1.14	16.8	1.14	16.8
-	120	1.14	17.1	-	-	-	-	1.14	17.1	1.14	17.1
Conducting metals		BCDEFG		BCDEFG		B*CDEF*G		B*CDEF*G		CEG	

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories. ® Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.

HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET

SILICABLE® 150°C & 200°C

Silicone insulation
UL & cUL approval

VW-1 cUL US

SILICONE INSULATED WIRES
SILICONE INSULATED WIRES WITH REINFORCING BRAID



- 1 • Bare, tin-plated, nickel-plated or silver-plated copper core
- 2 • Insulation: Silicone rubber



- 1 • Bare, tin-plated, nickel-plated or silver-plated copper core
- 2 • Insulation: Silicone rubber
- 3 • Coated fiberglass braid

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965 (LL84986)
- "Horizontal flame test" as per UL approval
 - "FT2 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

Characteristics General

- Continuous operating temperatures: -60°C to +150°C, +200°C (as per style no.)
- Good resistance to thermal shock and UV
 - Halogen free (IEC 60754-1)

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- Stranding of conducting cores: contact us
- SILICONE INSULATED WIRES:
 - Black or Black with coloured spiral stripe
- SILICONE INSULATED WIRES WITH REINFORCING BRAID:
 - All colours with or without coloured spiral stripe

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper (ø > 0.38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0.38 mm)
- G Nickel-plated copper 27 %

AWM I A : Internal wiring
AWM I A/B : Internal wiring
not subjected to mechanical abuse

Not cUL approval

*The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

For this product, please contact:

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Style n° Insulation	3132-VW-1 Silicone		3134-VW-1 Silicone		3135-VW-1 Silicone		3512-VW-1 Silicone		3122-VW-1 Silicone		3513-VW-1 Silicone	
	AWM I A 150°C – 300 V		AWM I A 150°C – 600 V		AWM I A 200°C – 600 V		AWM I A 200°C – 600 V		AWM I A/B 200°C – 300 V		AWM I A/B 200°C – 600 V	
	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*	Average thickness of insulation (mm)	Nominal diameter (mm)*
26	0.13	0.38	1.2	-	0.76	2.0	-	0.38	1.5	-	-	-
24	0.22	0.38	1.4	-	0.76	2.1	-	0.38	1.7	-	-	-
22	0.34	0.38	1.55	-	0.76	2.4	-	0.38	1.9	-	-	-
-	0.5	0.38	1.7	-	0.76	2.5	0.76	2.5	0.38	2.0	0.76	2.8
20	0.6	0.38	1.75	-	0.76	2.6	0.76	2.6	0.38	2.1	0.76	2.9
-	0.75	0.38	1.9	-	0.76	2.65	0.76	2.65	0.38	2.2	0.76	3.0
18	0.93	0.38	2.0	0.76	2.7	0.76	2.7	0.76	0.38	2.3	0.76	3.1
-	1	0.38	2.1	0.76	2.9	0.76	2.8	0.76	0.38	2.4	0.76	3.2
16	1.34	0.38	2.3	0.76	3.1	0.76	3.05	0.76	0.38	2.6	0.76	3.6
-	1.5	0.38	2.4	0.76	3.2	0.76	3.2	0.76	0.38	2.7	0.76	3.7
14	-	0.38	2.65	0.76	3.6	0.76	3.6	0.76	-	-	0.76	4.0
-	2.5	0.38	2.8	0.76	3.6	0.76	3.6	0.76	-	-	0.76	4.1
12	-	0.38	3.2	0.76	4.0	0.76	4.0	0.76	-	-	0.76	4.5
-	4	0.38	3.4	0.76	4.2	0.76	4.4	0.76	-	-	0.76	4.7
10	-	0.38	3.8	-	-	-	-	1.14	5.3	-	1.14	5.8
-	6	0.38	3.9	-	-	-	-	1.14	5.5	-	1.14	6.0
8	-	0.38	4.6	-	-	-	-	1.14	6.1	-	1.14	6.6
-	10	0.38	5.2	-	-	-	-	1.52	7.4	-	1.52	8.0
6	-	0.38	5.9	-	-	-	-	1.52	8.3	-	1.52	8.9
-	16	0.38	6.3	-	-	-	-	1.52	8.9	-	1.52	9.5
4	-	0.38	7.3	-	-	-	-	1.52	9.8	-	1.52	10.7
-	25	0.38	7.8	-	-	-	-	1.52	10.2	-	1.52	11.1
2	35	0.38	8.9	-	-	-	-	1.52	11.0	-	1.52	11.9
1	-	0.38	10.1	-	-	-	-	1.52	13.5	-	1.52	14.4
-	50	0.38	10.5	-	-	-	-	2.03	14.0	-	2.03	15.1
1/0	-	0.38	11.2	-	-	-	-	2.03	14.6	-	2.03	15.6
2/0	70	0.38	12.3	-	-	-	-	2.03	16.0	-	2.03	16.5
3/0	-	0.38	13.9	-	-	-	-	2.03	17.8	-	2.03	18.2
-	95	0.38	14.1	-	-	-	-	2.03	18.4	-	2.03	18.4
4/0	-	0.38	15.5	-	-	-	-	2.41	20.0	-	2.41	20.5
-	120	0.38	15.8	-	-	-	-	2.41	20.8	-	2.41	20.9
250MCM	-	-	-	-	-	-	-	2.41	21.4	-	2.41	21.7
-	150	-	-	-	-	-	-	2.41	22.3	-	2.41	22.4
300MCM	-	-	-	-	-	-	-	2.41	23.1	-	2.41	23.6
350MCM	185	-	-	-	-	-	-	2.41	24.0	-	2.41	24.6
400MCM	-	-	-	-	-	-	-	2.41	25.3	-	2.41	25.6
-	240	-	-	-	-	-	-	2.41	26.3	-	2.41	26.9
Conducting metals	BCDEFG		BCDEG		B*CDEF*G		B*CDEG		B*CDEF*G		B*CD	

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HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET

WIRES WITH COMPOSITE INSULATION

SILICABLE® 350°C

**Composite insulation
UL & cUL approval**

VW-1 cUL US



- 1 • Nickel or nickel-plated copper core
- 2 • Composite insulation: Mica tape(s) and fibreglass lapping
+ varnished fibreglass braid

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965
- "Horizontal flame test" as per UL approval
- "FT1 flame rating" as per cUL approval
- "VW-1 flame test" as per UL approval

Characteristics General

- Maximum continuous operating temperature: +350 °C
- Good resistance to thermal shocks and oxidization

Electrical

- Rated voltage: as per style no.
- Test voltage: 10 x Rated voltage

Standard products

- Standard colours: grey, brown or natural.
(other colours: contact us)
- Stranding of conducting cores: contact us

KEY

Conducting metals

- B : Tin-plated copper
- B* Tin-plated copper (ø > 0.38 mm)
- C Nickel-plated copper
- D Silver-plated copper
- E Nickel
- F Bare copper
- F* Bare copper (ø > 0.38 mm)
- G Nickel-plated copper 27 %

AWM I A/B : Internal wiring

Not cUL approval

* The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

Style n°

Insulation

Approval

Nominal
cross-section

AWG	(mm²)
24	0.22
22	0.34
-	0.5
20	0.6
-	0.75
18	0.93
-	1
16	1.34
-	1.5
14	-
-	2.5
12	-
-	4
10	-

Conducting metals

5304-VW-1

Composite

AWM I A/B

350°C – 600 V

Average
thickness of
insulation

Nominal
diameter

(mm)	(mm)*
0.66	2.5
0.66	2.6
0.66	2.8
0.66	2.9
0.66	3.0
0.66	3.1
0.66	3.2
0.66	3.4
0.66	3.5
0.66	3.8
0.66	3.9
0.66	4.3
0.66	4.6
0.66	5.5

EG

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HIGH TEMPERATURE WIRES AND CABLES FOR THE GENERAL MARKET

SILICABLE® 150°C & 200°C

Silicone sheathing
UL & cUL approval

VW-1 **cUL** **US**

SILICONE SHEATED CABLES



- 1 • UL and cUL approved conductors with a silicone or fluoropolymer insulation (see table below for more information).
- 2 • Outer sheath: Silicone rubber.

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965
- cUL approval (CSA) as per standard C22.2 No. 210 - File no.: E101965 (LL84986)
- "Horizontal flame test" as per UL approval
 - "FT1 flame rating" as per cUL approval
 - "FT2 flame rating" as per cUL approval
 - "VW-1 flame test" as per UL approval

Characteristics General

- Continuous operating temperatures: -60°C to +150°C, +200°C (as per style no.)
- Good resistance to thermal shock and UV

Electrical

- Rated voltage: 600 V
- Test voltage: 6 000 V

Standard products

- Standard outer sheath colours: black with or without coloured spiral stripe
- Stranding of conducting cores: contact us

Style n° Insulation

			4389-S150-VW-1		4389-S200-VW-1		4389-E150-VW-1	
			Silicone		Silicone		ETFE	
			AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)	
			150°C		200°C		150°C	
Nb. of cond	Approval		Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*	Nominal diameter of the cond. (mm)	Nominal diameter (mm)*
	AWG	(mm²)						
2	26	0.13	2.0	6.2	2.0	6.2	1.05	4.3
3	26	0.13	2.0	6.6	2.0	6.6	1.05	4.5
4	26	0.13	2.0	7.1	2.0	7.1	1.05	4.8
5	26	0.13	2.0	7.6	2.0	7.6	1.05	5.1
7	26	0.13	2.0	8.2	2.0	8.2	1.05	5.4
2	24	0.22	2.2	6.6	2.1	6.4	1.15	4.5
3	24	0.22	2.2	7.0	2.1	6.8	1.15	4.7
4	24	0.22	2.2	7.5	2.1	7.3	1.15	5.0
5	24	0.22	2.2	8.2	2.1	7.9	1.15	5.3
7	24	0.22	2.2	8.8	2.1	8.5	1.15	5.7
2	22	0.34	2.35	6.9	2.4	7.0	1.3	4.8
3	22	0.34	2.35	7.3	2.4	7.4	1.3	5.1
4	22	0.34	2.35	7.9	2.4	8.0	1.3	5.4
5	22	0.34	2.35	8.6	2.4	8.7	1.3	5.8
7	22	0.34	2.35	9.3	2.4	9.4	1.3	6.2
2	-	0.5	2.5	7.2	2.5	7.2	1.4	5.0
3	-	0.5	2.5	7.6	2.5	7.6	1.4	5.3
4	-	0.5	2.5	8.3	2.5	8.3	1.4	5.6
5	-	0.5	2.5	9.0	2.5	9.0	1.4	6.0
7	-	0.5	2.5	9.7	2.5	9.7	1.4	6.4
2	20	0.6	2.5	7.2	2.6	7.4	1.5	5.2
3	20	0.6	2.5	7.6	2.6	7.9	1.5	5.5
4	20	0.6	2.5	8.3	2.6	8.5	1.5	5.9
5	20	0.6	2.5	9.0	2.6	9.3	1.5	6.3
7	20	0.6	2.5	9.7	2.6	10.0	1.5	6.7
2	-	0.75	2.7	7.6	2.65	7.5	1.55	5.3
3	-	0.75	2.7	8.1	2.65	8.0	1.55	5.6
4	-	0.75	2.7	8.7	2.65	8.6	1.55	6.0
5	-	0.75	2.7	9.5	2.65	9.4	1.55	6.4
7	-	0.75	2.7	10.3	2.65	10.2	1.55	6.9
2	18	0.93	2.8	7.8	2.7	7.6	1.8	5.8
3	18	0.93	2.8	8.3	2.7	8.1	1.8	6.1
4	18	0.93	2.8	9.0	2.7	8.7	1.8	6.6
5	18	0.93	2.8	9.8	2.7	9.5	1.8	7.1
7	18	0.93	2.8	10.6	2.7	10.3	1.8	7.6
2	-	1	2.9	8.0	2.8	7.8	1.8	5.8
3	-	1	2.9	8.5	2.8	8.3	1.8	6.1
4	-	1	2.9	9.2	2.8	9.0	1.8	6.6
5	-	1	2.9	10.1	2.8	9.8	1.8	7.1
7	-	1	2.9	10.9	2.8	10.6	1.8	7.6
2	16	1.34	3.1	8.4	3.05	8.3	2.0	6.2
3	16	1.34	3.1	8.9	3.05	8.8	2.0	6.6
4	16	1.34	3.1	9.7	3.05	9.6	2.0	7.1
5	16	1.34	3.1	10.6	3.05	10.5	2.0	7.6
7	16	1.34	3.1	11.5	3.05	11.4	2.0	8.2
2	-	1.5	3.2	8.6	3.1	8.4	2.0	6.2
3	-	1.5	3.2	9.2	3.1	8.9	2.0	6.6
4	-	1.5	3.2	10.0	3.1	9.7	2.0	7.1
5	-	1.5	3.2	10.9	3.1	10.6	2.0	7.6
7	-	1.5	3.2	11.8	3.1	11.5	2.0	8.2
2	14	-	3.4	9.0	3.6	9.4	2.4	7.0
3	14	-	3.4	9.6	3.6	10.0	2.4	7.4
4	14	-	3.4	10.4	3.6	10.9	2.4	8.0
5	14	-	3.4	11.4	3.6	12.0	2.4	8.7
7	14	-	3.4	12.4	3.6	13.0	2.4	9.4

Conducting metals

BCDEFG

B*CDEF*G

BCDEFG

SILICABLE® 150°C & 200°C

Silicone sheathing
UL & cUL approval

SILICONE SHEATED CABLES

Style n°			4389-E150-VW-1		4389-F200-VW-1		4389-F200-VW-1		4389-F200-VW-1	
Insulation			ETFE “Thin wall”		ETFE “Thin wall”		ETFE “Thin wall”		FEP	
Nb. of cond	Approval		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)		AWM II A/B (Wall 1.14 mm)	
	150°C		200°C		200°C		200°C		200°C	
	Nominal cross-section	Nominal diameter of the cond.	Nominal diameter	Nominal diameter of the cond.	Nominal diameter	Nominal diameter of the cond.	Nominal diameter	Nominal diameter of the cond.	Nominal diameter	
	AWG	(mm²)	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*	(mm)	(mm)*
2	26	0.13	-	-	1.0	4.2	0.9	4.0	1.2	4.6
3	26	0.13	-	-	1.0	4.4	0.9	4.2	1.2	4.8
4	26	0.13	-	-	1.0	4.7	0.9	4.4	1.2	5.1
5	26	0.13	-	-	1.0	4.9	0.9	4.7	1.2	5.5
7	26	0.13	-	-	1.0	5.2	0.9	4.9	1.2	5.8
2	24	0.22	0.9	4.0	1.1	4.4	1.0	4.2	1.35	4.9
3	24	0.22	0.9	4.2	1.1	4.6	1.0	4.4	1.35	5.2
4	24	0.22	0.9	4.4	1.1	4.9	1.0	4.7	1.35	5.5
5	24	0.22	0.9	4.7	1.1	5.2	1.0	4.9	1.35	5.9
7	24	0.22	0.9	5.0	1.1	5.5	1.0	5.2	1.35	6.3
2	22	0.34	1.05	4.3	1.25	4.7	1.15	4.5	1.45	5.1
3	22	0.34	1.05	4.5	1.25	4.9	1.15	4.7	1.45	5.4
4	22	0.34	1.05	4.8	1.25	5.3	1.15	5.0	1.45	5.7
5	22	0.34	1.05	5.1	1.25	5.6	1.15	5.3	1.45	6.2
7	22	0.34	1.05	5.4	1.25	6.0	1.15	5.7	1.45	6.6
2	-	0.5	1.25	4.7	1.4	5.0	1.3	4.8	1.65	5.5
3	-	0.5	1.25	4.9	1.4	5.3	1.3	5.0	1.65	5.8
4	-	0.5	1.25	5.3	1.4	5.6	1.3	5.4	1.65	6.2
5	-	0.5	1.25	5.6	1.4	6.0	1.3	5.8	1.65	6.7
7	-	0.5	1.25	6.0	1.4	6.4	1.3	6.1	1.65	7.2
2	20	0.6	1.35	4.9	1.5	5.2	1.4	5.0	1.7	5.6
3	20	0.6	1.35	5.2	1.5	5.5	1.4	5.3	1.7	5.9
4	20	0.6	1.35	5.5	1.5	5.9	1.4	5.6	1.7	6.3
5	20	0.6	1.35	5.9	1.5	6.3	1.4	6.0	1.7	6.8
7	20	0.6	1.35	6.3	1.5	6.7	1.4	6.4	1.7	7.3
2	-	0.75	1.4	5.0	1.55	5.3	1.75	5.7	1.8	5.8
3	-	0.75	1.4	5.3	1.55	5.6	1.75	6.0	1.8	6.1
4	-	0.75	1.4	5.6	1.55	6.0	1.75	6.5	1.8	6.6
5	-	0.75	1.4	6.0	1.55	6.4	1.75	7.0	1.8	7.1
7	-	0.75	1.4	6.4	1.55	6.9	1.75	6.9	1.8	7.6
2	18	0.93	1.55	5.3	1.8	5.8	1.9	6.0	2.0	6.2
3	18	0.93	1.55	5.6	1.8	6.1	1.9	6.3	2.0	6.6
4	18	0.93	1.55	6.0	1.8	6.6	1.9	6.8	2.0	7.1
5	18	0.93	1.55	6.4	1.8	7.1	1.9	7.4	2.0	7.6
7	18	0.93	1.55	6.9	1.8	7.6	1.9	7.9	2.0	8.2
2	-	1	1.65	5.5	1.8	5.8	1.95	6.1	2.0	6.2
3	-	1	1.65	5.8	1.8	6.1	1.95	6.5	2.0	6.6
4	-	1	1.65	6.2	1.8	6.6	1.95	6.9	2.0	7.1
5	-	1	1.65	6.7	1.8	7.1	1.95	7.5	2.0	7.6
7	-	1	1.65	7.2	1.8	7.6	1.95	8.1	2.0	8.2
2	16	1.34	1.9	6.0	2.0	6.2	2.2	6.6	2.2	6.6
3	16	1.34	1.9	6.3	2.0	6.6	2.2	7.0	2.2	7.0
4	16	1.34	1.9	6.8	2.0	7.1	2.2	7.5	2.2	7.5
5	16	1.34	1.9	7.4	2.0	7.6	2.2	8.2	2.2	8.2
7	16	1.34	1.9	7.9	2.0	8.2	2.2	8.8	2.2	8.8
2	-	1.5	1.9	6.0	2.0	6.2	2.0	6.8	2.3	6.8
3	-	1.5	1.9	6.3	2.0	6.6	2.2	7.2	2.3	7.2
4	-	1.5	1.9	6.8	2.0	7.1	2.2	7.8	2.3	7.8
5	-	1.5	1.9	7.4	2.0	7.6	2.2	8.5	2.3	8.5
7	-	1.5	1.9	7.9	2.0	8.2	2.2	9.1	2.3	9.1
2	14	-	2.25	6.7	2.4	7.0	2.6	7.4	2.6	7.4
3	14	-	2.25	7.1	2.4	7.4	2.6	7.9	2.6	7.9
4	14	-	2.25	7.7	2.4	8.0	2.6	8.5	2.6	8.5
5	14	-	2.25	8.3	2.4	8.7	2.6	9.3	2.6	9.3
7	14	-	2.25	9.0	2.4	9.4	2.6	10.0	2.6	10.0
Conducting metals			BCDEFG		B*CDEF*G		B*CDEF*G		B*CDEF*G	

Conducting metals

BCDEFG

B*CDEF*G

B*CDEF*G

B*CDEF*G

KEY

Conducting metals

B Tin-plated copper

B* Tin-plated copper (ø > 0.38 mm)

C Nickel-plated copper

D Silver-plated copper

E Nickel

F Bare copper

F* Bare copper (ø > 0.38 mm)

G Nickel-plated copper 27 %

AWM II A/B : External or
Internal wiring

*The diameter is provided for information purposes as it may vary depending on the stranding of the core. Only the average thickness of insulation should be taken into account

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