

SILIFLON® VG 95218 T020 A

Fluoropolymer insulation

OMERIN - VG95218T020A



- 1 • Flexible tin-plated copper core.
- 2 • Insulation : ETFE.

Approvals - standards

- VG 95218 Part 20 Type A Single Core Insulated Wire.

Applications

- Internal cabling for military and defence systems and equipment.

Characteristics General

- Continuous operating temperatures: -55 °C to +150 °C.
- Excellent resistance to aggressive chemical environments.
- Excellent resistance to humidity and UV.
- Excellent resistance to hydrocarbons.
- Excellent abrasion resistance.

Electrical

- Rated voltage: 600V AC / 900V DC.
- Test voltage: 3 000V AC.

Standard products

- Single core insulated wire.
- Colour of insulation : 0 (White), A (Red), B (Blue), C (Yellow), D (Green), F (Black), H (Orange), G (Brown), J (Purple), K (Grey), M (Green/Yellow).

Marking

- OMERIN - VG95218T020A {color code} {wire size code} - {week/year}.

VG Dash No.	Nominal cross-section		Number of ropes (S) × number of single strands	Max. strands diameter	Diameter of the conductor (mm)		Diameter of the insulated wire (mm)		Max. linear resistance at 20° (Ω/km)	Max. weight (kg/km)
	(mm²)	AWG			min.	max.	min.	max.		
16	-	24	1 S x 19	0.13	0.57	0.66	0.97	1.07	86.00	3.20
01	-	22	1 S x 19	0.16	0.72	0.84	1.14	1.24	53.10	4.70
02	-	20	1 S x 37	0.13	0.83	0.94	1.22	1.32	42.30	5.80
03	0.6	-	1 S x 37	0.14	0.94	1.04	1.35	1.45	33.50	6.90
04	-	18	1 S x 37	0.16	1.06	1.20	1.45	1.65	26.60	8.70
05	1.0	-	1 S x 37	0.18	1.19	1.32	1.60	1.80	21.00	11.0
06	-	16	1 S x 37	0.20	1.34	1.47	1.75	1.90	16.40	13.30
07	1.5	-	1 S x 37	0.23	1.45	1.68	1.90	2.15	13.50	18.0
08	2.5	-	1 S x 37	0.29	1.90	2.14	2.35	2.75	8.20	27.10
17	-	12	1 S x 37	0.32	2.12	2.29	2.64	2.84	6.63	32.30
09	4.0	-	7 S x 33	0.16	2.65	3.05	4.10	4.80	5.09	58.0
10	6.0	-	7 S x 27	0.21	3.35	3.80	4.80	5.50	3.39	79.0
11	10.0	-	19 S x 17	0.21	4.30	4.80	5.80	6.50	1.95	124.0
12	16.0	-	19 S x 27	0.21	5.20	5.80	6.70	7.40	1.24	188.0

For this product, please contact:

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LES CABLES DE L'EXTREME

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