

**PLASTHERM®
E9****-60°C to +260°C**

- 1 • Flexible bare or tinned copper core.
- 2 • Insulation: PEEK.

Applications

- High-temperature PFAs-free applications and/or exposed to radiation.

Options

- Other colours: contact us.

Characteristics**General**

- Continuous operating temperatures: -60°C to +260°C.

Electrical

- Rated voltage: 600 V.
- Test voltage: 2500 V.

Mechanical

- Abrasion resistance: Excellent.

Chemical

- Radiation resistance: $>10^7$ Gy.

Standard products

- Standard insulation colour: Amber (other colour on request).

Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (bare copper core) (Ω/km)	Nominal wall thickness of insulation (mm)	Nominal external diameter (mm)
0.05	7×0.10	373.00	0.17	0.65
0.12	7×0.15	161.00	0.17	0.80
0.22	7×0.20	89.90	0.20	1.00
0.25	19×0.13	79.90	0.25	1.15
0.34	7×0.25	57.50	0.20	1.15
0.50	16×0.20	39.00	0.20	1.35
0.75	24×0.20	24.70	0.25	1.60
1.00	32×0.20	19.50	0.25	1.80
1.50	30×0.25	13.30	0.30	2.15
2.50	50×0.25	7.98	0.35	2.75

For this product, please contact:

OMERIN division principale ✓

Zone Industrielle - F 63600 Ambert

Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10

omerin@omerin.com

www.omerin.com

omerin
LES CABLES DE L'EXTREME

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 some cases, for production purposes, a separating tape may be added between two successive layers. 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.