

# SILICABLE® SIR-IDC

For IDC connectors  
VDE approval  
-60 °C to +180 °C

SILICONE INSULATED AND/OR SHEATHED  
WIRES AND CABLES



## Approvals - standards

- VDE approval as per licence no. 121112.
- Halogen-free: IEC 60754-1 / EN 60754-1.

## Applications

- A range of cables specially developed for use with IDC connectors:  
Stocko ranges RFK 1 / RFK 2 / RAST 5 / ECO-DOMO only (Test report available on request).

## Options

- Other nominal stranding: contact us.

## Characteristics

### General

- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

### Electrical

- Rated voltage: 300/300 V.
- Test voltage: 2000 V.

## Standard products

- All colours including two-coloured.



- 1 • Stranded bare copper or tin-plated core.
- 2 • Insulation: Silicone rubber.

## SIR-IDC

Stranded core			INSULATED WIRE			Connector
Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (tin-plated copper core)	Nominal thickness of insulation (mm)	Nominal diameter (mm)	Approximate linear weight (kg/km)	
0.22*	7 x 0.20	92.5	0.45	1.5	3.7	RFK 1 / RFK 2
0.25	7 x 0.22	81.2	0.45	1.5	4.1	RFK 1 / RFK 2
0.34	7 x 0.25	59.2	0.45	1.65	5.1	ECO-DOMO / RAST 5
0.5	7 x 0.30	36.7	0.6	2.1	7.8	ECO-DOMO / RAST 5
0.75	7 x 0.37	24.8	0.6	2.3	10.6	ECO-DOMO / RAST 5
1	7 x 0.43	18.2	0.6	2.5	13.4	ECO-DOMO / RAST 5
1.5	7 x 0.52	12.2	0.7	2.8	18.4	ECO-DOMO / RAST 5

\* Nominal cross-section not included in VDE approval.

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

### Omerin division silisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne  
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00  
silisol@omerin.com