

## ÖLFLEX® HEAT 650 SC

Suitable for use in ambient temperatures from -50°C to +700°C

ÖLFLEX® HEAT 650 SC - glass fibre single core cable for use in blast furnace, power plant, motor, apparatus and luminaire construction at temperatures up to +650°C

### Info

For use in dry conditions

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CE



Temperature-resistant



Halogen-free



Cold-resistant

### Benefits

Suitable for areas where the installation temperature and ambient temperature are very high

Good electrical conductivity due to nickel strand, even at high temperatures

### Application range

Heating modules, electric heating devices, heat cabinets

Ovens, electric stoves, night storage heaters

Iron and steel works, foundries, glass and ceramic processing, chemical industry

Machinery, apparatus and power plant construction

## ÖLFLEX® HEAT 650 SC

### Product features

Flame-retardant

Halogen-free

Only suitable for installation in dry conditions

ÖLFLEX® HEAT 1565 SC is recommended if the peak temperature of the application may briefly go beyond 700°C

### Design

Strand made of nickel

Core insulation made of glass fibre covering and impregnated glass fibre braid

### Technical Data

Classification:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single-core cable
Conductor design:	Fine wire see data sheet
Minimum bending radius:	Fixed installation: 5 x outer diameter
Nominal voltage:	U <sub>0</sub> /U: 300/500 V
Test voltage:	1800 V
Temperature range:	Occasional flexing: -50°C to +650°C Fixed installation: -50°C to +700°C

### Note

Unless otherwise specified, the product values shown are nominal values. You can receive further values, such as tolerances, upon request if they are available and have been released for publication.

No copper surcharge.

Please find our standard lengths at: [www.lappkabel.de/en/cable-standardlengths](http://www.lappkabel.de/en/cable-standardlengths)

Packaging: Ring ≤ 30 kg, otherwise drum

Please specify the preferred packaging (e.g. 1 x 500 m drum or 5 x 100 m rings)

Photographs are not to scale and do not represent detailed images of the respective products.

Prices are net prices without VAT and surcharges. Sale to business customers only.

**ÖLFLEX® HEAT 650 SC**

Article number	Conductor cross-section (mm <sup>2</sup> )	Outer diameter [mm]	Ni-index (kg/km)	Weight (kg/km)
1232650	0.5	2.4	4.8	13
1232651	0.75	2.5	7.6	15
1232652	1	2.7	9.7	17
1232653	1.5	3	14.8	23
1232654	2.5	3.5	23.5	34
1232655	4	3.9	38.6	54
1232656	6	4.6	57.9	84
1232657	10	6.8	96.5	120
1232658	16	7.5	152	199
1232659	25	9	236.4	300
1232660	35	10.4	332.8	399
1232661	50	12.7	481.1	540

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Product Management [www.lappkabel.de](http://www.lappkabel.de)

You can find the current technical data in the corresponding data sheet.  
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