

ÖLFLEX® HEAT 650 SC

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

ÖLFLEX® HEAT 650 SC - Glass fibre insulated single core for use in blast furnaces, glassworks, motor construction etc. at ambient temperatures up to +650°C

Info

For use in dry conditions



Halogen-free



Cold-resistant



Temperature-resistant

Benefits

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

Good electrical conductivity due to nickel strand also at high temperatures

Application range

Heating modules, electric heating devices, heat lockers

Furnaces, electric ranges, night storage heater

Heavy industry, iron and steel works, foundries, glass and ceramic processing, chemical industries

Machinery, apparatus and power plant construction

Product features

Flame-retardant

Halogen-free

Only suitable for use in dry conditions

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

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Product Make-up

Strand made of nickel

Core insulation: glass fibre covering and impregnated glass fibre braids

Technical Data

Classification ETIM 5:	ETIM 5.0 Class-ID: EC000993 ETIM 5.0 Class-Description: Single core cable
Classification ETIM 6:	ETIM 6.0 Class-ID: EC000993 ETIM 6.0 Class-Description: Single core cable
Conductor stranding:	Fine wire see data sheet
Minimum bending radius:	Fixed installation: 5 x outer diameter
Nominal voltage:	U0/U: 300/500 V
Test voltage:	1800 V
Temperature range:	Fixed installation: -50°C to +700°C

Note

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request.

No copper surcharge.

Please find our standard lengths at: www.lappkabel.de/en/cable-standardlengths

Packaging size: Coil ≤ 30 kg, otherwise drum

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

Photographs and graphics 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.

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Article number	Conductor cross-section (mm ²)	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	1.0	2.9	9.7	17
1232653	1.5	3	14.8	23
1232654	2.5	3.5	23.5	34
1232655	4.0	3.9	38.6	54
1232656	6.0	4.6	57.9	84
1232657	10.0	7.8	96.5	120
1232658	16.0	8.2	152	199
1232659	25.0	9.8	236.4	300
1232660	35.0	10.6	332.8	399
1232661	50.0	11.2	481.1	540

Last Update (15.05.2025)

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Product Management www.lappkabel.de

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

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