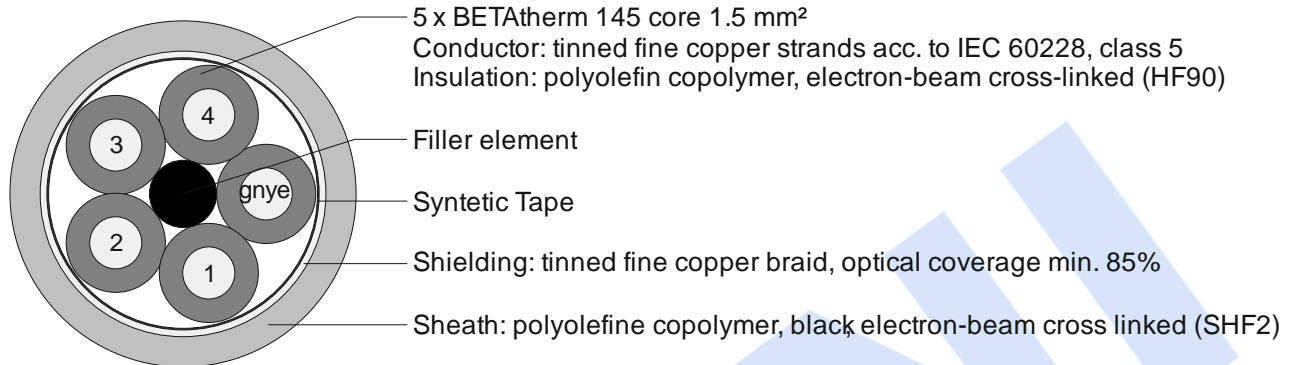


# BETAflam 145 C-flex bk 5G1.5 mm<sup>2</sup> NRPE

Item no.: 221047

## Construction



## Dimensions (approx.)

Ø BETAtherm 145 core 1.5 mm <sup>2</sup>	2.95 mm
Ø over core stranding	8.00 mm
Ø over shielding	8.50 mm
Electrical cross section braid	1.00 mm <sup>2</sup>
Mechanical cross section braid	1.75 mm <sup>2</sup>
Ø cable	10.30 mm

## Technical data

Nominal voltage	U <sub>o</sub> /U fixed and protected installation	450/750 V 600/1000 V
Testing voltage	core / core core / shielding	3500 V 2500 V
Max. conductor temperature	fixed installation occasionally moved	+145 °C +120 °C
Min. ambient temperature	fixed installation occasionally moved	- 55 °C - 35 °C
Min. bending radius	fixed installation occasionally moved	> 6 x cable-Ø > 12 x cable-Ø
Cable weight		~ 171 kg/km

## Fire performance and material properties

Halogen free	IEC 60754-1, EN 50267-2-1
No corrosive gases	IEC 60754-2, EN 50267-2-2
No toxic gases	NES 02-713, NF X 70-100
Low smoke density	IEC 61034, EN 50268-2
Flame retardant	IEC 60332-1, EN 50265-2-1
Non-flame propagating	IEC 60332-3, EN 50266-2, NF C 32-070
Low fire load	DIN 51900
Cross-linked insulation compound HF90	IEC 60092-360
Cross-linked sheathing compound SHF2	IEC 60092-360

## Approvals

Germanischer Lloyd (GL); Lloyd's Register (LR); BUREAU VERITAS (BV); DET Norske Veritas (DNV); CHINA CLASSIFICATION SOCIETY (CCS); Class NK, Gost R

Specifications subject to change without notice

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