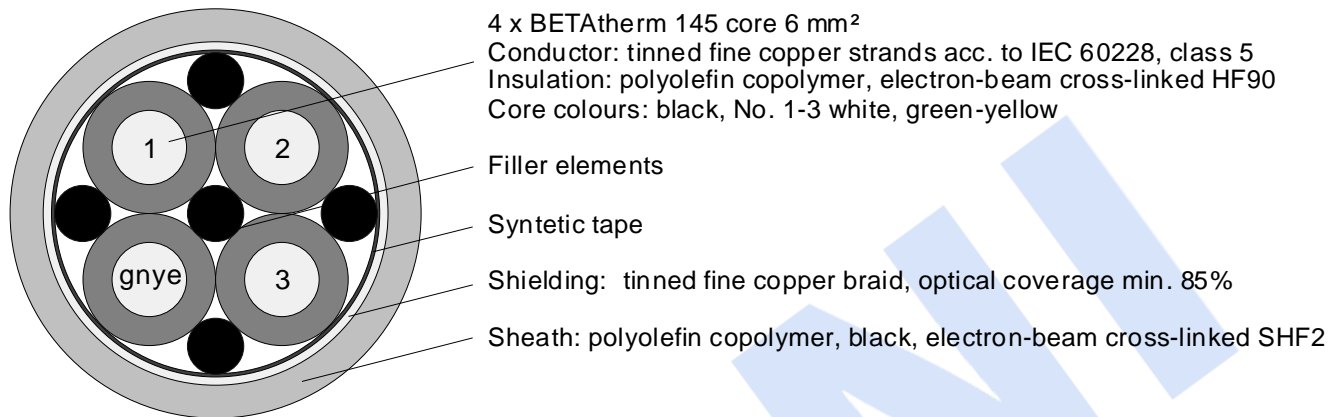


BETAflam 145 C-flex, black

4G6 mm², NRPE

Item no.: 309539

Construction



Dimensions (approx.)

| | |
|---------------------------------|----------|
| Ø BETAtherm 145 core | 4.70 mm |
| Ø over core stranding | 11.50 mm |
| Ø over shielding (copper braid) | 11.90 mm |
| Ø cable | 14.00 mm |

Technical data

| | | |
|----------------------------|--------------------|----------------|
| Nominal voltage | Uo/U | 600/1000 V |
| Testing voltage | core / core | 3500 V |
| | core / shielding | 2500 V |
| Max. conductor temperature | fixed installation | + 145 °C |
| | occasionally moved | + 120 °C |
| Min. ambient temperature | fixed installation | - 55 °C |
| | occasionally moved | - 35 °C |
| Min. bending radius | fixed installation | > 6 x cable-Ø |
| | occasionally moved | > 12 x cable-Ø |
| Cable weight | | ~ 382 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 |

Specifications subject to change without notice

BETAflam 145 C-flex, black
4G6 mm², NRPE
Item no.: 309539

Standards

IEC 60092-376
IEC 60092-353

Approvals



LEONNI

Specifications subject to change without notice