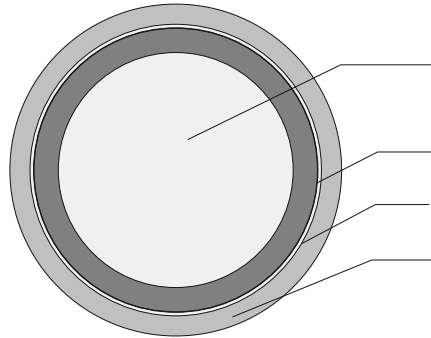


BETAflam 145 C-flex bk

1 x 70 mm² L

Item no.: 316815

Construction



- 1 x BETAtherm 145 core
- Conductor: tinned fine copper strands acc. to IEC 60228, class 5
- Insulation: polyolefin copolymer, electron-beam cross-linked HF90
- Syntetic tape
- Shielding: tinned fine copper braid, optical coverage min. 85 %
- Sheath: polyolefin copolymer, black electron-beam cross linked (SHF2)

Dimensions (approx.)

Ø BETAtherm 145 core 70 mm ²	14.00 mm
Ø over shielding	14.60 mm
Ø cable	17.00 mm

Technical data

Nominal voltage	U ₀ /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		~ 835 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

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Standards

IEC 60092-376

IEC 60092-353

Approvals



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