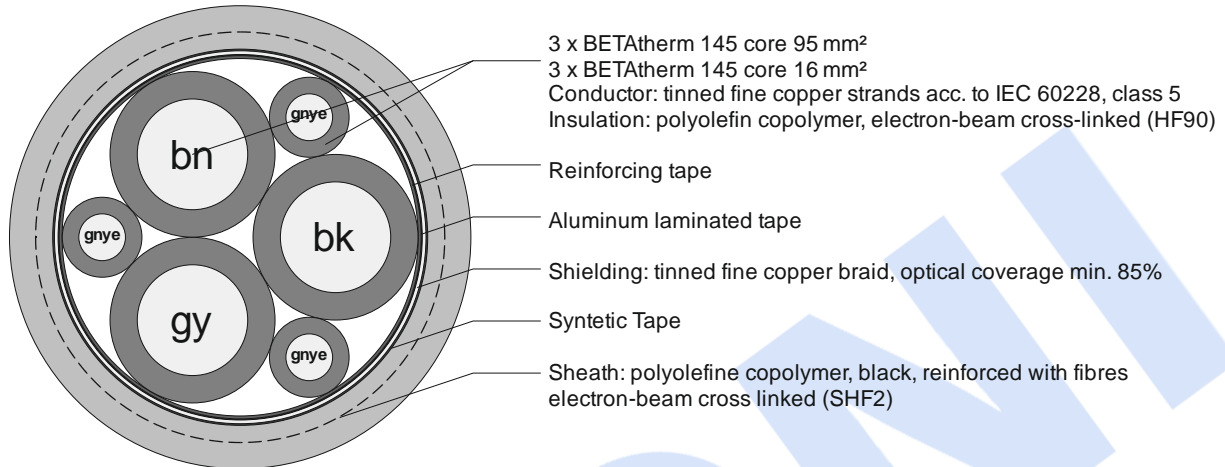


BETAflam 145 C-flex VFD V 0.6/1 kV (1.8/3 kV)

3x95 + 3x16 mm²

Item no.: 315149

Construction



Dimensions (approx.)

Ø BETAtherm 145 core 95 mm ²	17.60 mm
Ø BETAtherm 145 core 16 mm ²	8.50 mm
Ø over core stranding	38.00 mm
Ø over shielding	39.45 mm
Electrical cross section braid	6.00 mm ²
Mechanical cross section braid	14.05 mm ²
Ø cable	47.35 mm

Technical data

Nominal voltage	Uo/U	0.6/1 kV (1.8/3 kV)
Testing voltage	core / core	5000 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		~ 4594 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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