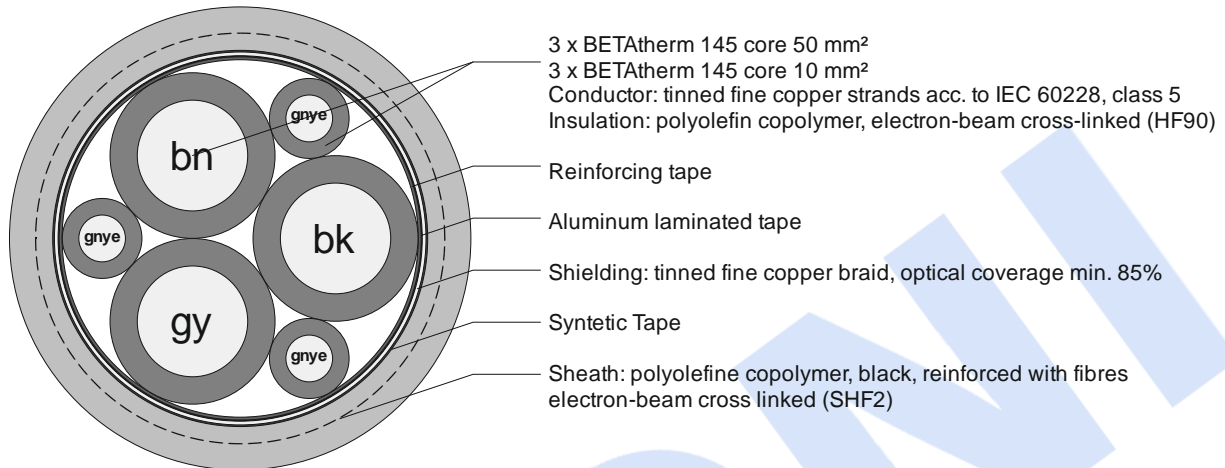


BETAflam 145 C-flex VFD V 0.6/1 kV (1.8/3 kV) 3x50 + 3x10 mm²

Construction

TRZ-16366-e



Dimensions (approx.)

Ø BETAtherm 145 core 50 mm ²	14.50 mm
Ø BETAtherm 145 core 10 mm ²	7.00 mm
Ø over core stranding	31.30 mm
Ø over shielding	32.65 mm
Electrical cross section braid	6.00 mm ²
Mechanical cross section braid	14.05mm ²
Ø cable	40.55 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		~ 3022 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

LEONI Studer AG Herrenmattstrasse 20 Telefon +41 (0)62 288 82 82