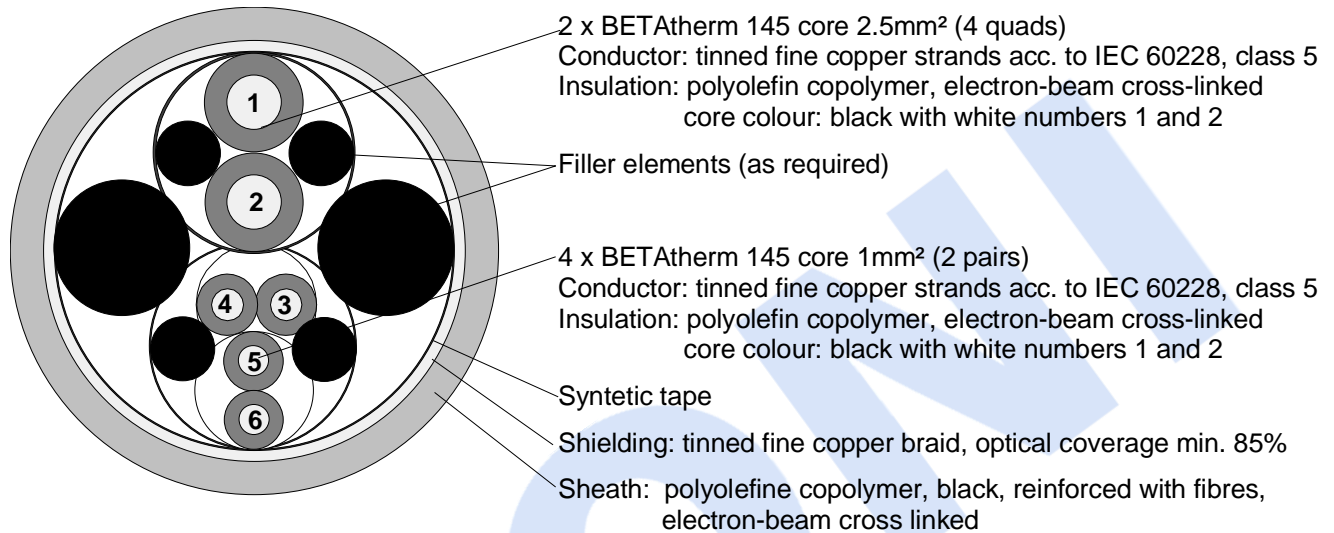


BETAflam 145 C-flex black

2x2.5 mm² + 2x2x1 mm² NR

Construction

TRZ – 13232-e



Dimensions (approx.)

Ø BETAtherm 145 core 2.5 mm ²	3.65 mm
Ø BETAtherm 145 core 1 mm ²	2.40 mm
Ø over core stranding (incl. tape)	14.6 mm
Ø over shielding (copper braid)	15.4 mm
Ø cable	17.6 mm

Technical data

Nominal voltage 2.5 mm ²	Uo/U	450/750 V
Testing voltage 2.5 mm ²	core / core	3500 V
	core / shielding	2500 V
Nominal voltage 1mm ²	Uo/U	300/500 V
Testing voltage 1 mm ²	core / core	2000 V
	core / shielding	1500 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		~ 413 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

Specifications subject to change without notice