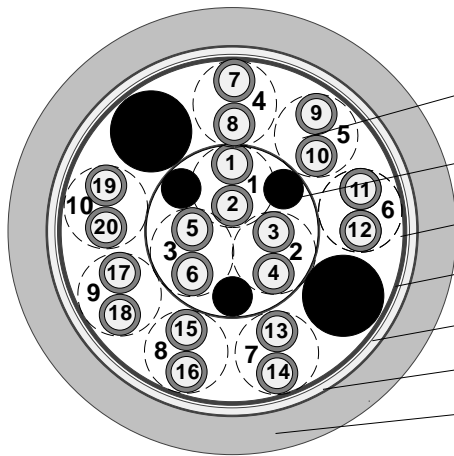


BETAflam 145 C-flex, black 10 x 2 x 0.75 mm² NR

Item no.: 307389

Construction



10 x 2 x BETAtherm 145 core 0.75 mm²

Conductor: tinned fine copper strands acc. to IEC 60228, class 5

Insulation: polyolefin copolymer, electron-beam cross-linked HF90

Core colours: black, No. 1-20 white

Filler elementes

Reinforcing tape

Syntetic tape

Shielding: tinned fine copper braid, optical coverage min. 85%

Syntetic tape

Sheath: polyolefin copolymer, black, electron-beam cross-linked SHF2

Dimensions (approx.)

Ø BETAtherm 145 core	2.20 mm
Ø over core stranding	14.50 mm
Ø over shielding (copper braid)	15.60 mm
Ø cable	19.50 mm

Technical data

Nominal voltage	Uo/U	300/500 V
Testing voltage	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		~ 501 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 10 x 2 x 0.75 mm² NR

Item no.: 307389

Standard

IEC 60092-376

IEC 60092-353

Approvals



LEONI

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