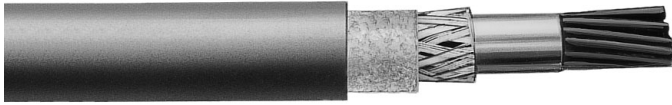


LUTZE-SUPERFLEX[®] N (C)PUR



Super flexible PUR cable track cable with **numbered** conductors for power supply systems and robot technology with **grey** outer jacket.

Identification	Type	(12 x 0,75)
	Part-No.	110668
Use/Application	Use	Suitable as motor, control, monitoring and instrumentation cable for continuous flexing cycles. The polyurethane outer jacket (PUR) is extremely abrasion-resistant, adhesion-free and resistant to mineral oils and greases as well as many chemical substances.
	Application	Rough operating conditions with robots, handling equipment, machine tools, machine and plant construction, transport and conveying technology, cable tracks and for everywhere signals are transmitted to continuously moving machines or system sections.
Structure	Cable construction	(12x0,75)
	Wire conductor structure	E copper uninsulated, superfine strand compliant with VDE 0295 class 6, IEC 60228 class 6
	Gauge	0.75 mm ²
	Conductor insulation	PVC insulated
	Conductor marking	black with white printed numbering
	Ground conductor	green/yellow compliant with VDE 0293
	Twisted pair	No
	Stranding	layer-twisted
	Banding	Fleece banding over the stranded cable
	Intersheath	PVC

11.03.2005 – Subject to technical modification

Part-No. 110668

LUTZE INC.

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	Overall shield	Braiding made of tin-plated copper wires, optical covering approx. 85%.
	Outer jacket	Special mixture based on PUR, adhesion-free, based on VDE 0250 part 818
	Jacket colour	grey RAL 7001
	Outer Ø	12,8 ca. mm
Technical Data	Rated Voltage	300/500 V
	Test voltage	1200 V, 3000 V
	Isolation resistance	min. 20 MΩ × km
	Temperature range moving	-25 – 80 °C
	Temperature range fixed	-40 – 80 °C
	Bending radius	Cable diameter × 12
General Data	Standards	manufactured based on VDE 0207 and 0250 and 0472, UL/CSA 20234
	Halogen-free	No
	Weight	28,3 kg/100 m
	Packaging	50 m, 100 m rings, reels
	Stability	resistant to mineral oils and greases and many chemical substances

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