

LUTZE-SUPERFLEX[®] ETHERNET BUS (C) PUR



– halogen-free –

PUR Ethernet bus
Cable track cable suitable for industry with **violet** outer jacket - FAST ETHERNET cable.

Identification	Type	(4 x 2 x 0,22)
	Part-No.	104242
Use/Application	Use	For wiring industrial field bus systems with the globally accepted protocol TCP/IP.
	Application	Automation technology, machine tools, machine and plant construction, transport and conveying technology, either for industrial or continuously moving deployment, e.g. cable tracks.
Structure	Bus system	Fast Ethernet
	Cable construction	(4×2×0,22)
	Wire conductor structure	E copper uninsulated and/or tin-plated fine and/or superfine strand compliant with VDE 0295 class 5/6 or IEC 60228 class 5/6
	Gauge	0.22 mm ²
	Conductor insulation	PE; PP; TPE; PVC or rubber
	Conductor marking	DIN 47100
	Ground conductor	green/yellow compliant with VDE 0293
	Wire colour	wh, br, gn, ye, gr, pk, bl, rd
	Twisted pair	Yes
	Stranding	Each data pair paired
	Overall shield	overlapping PETP/AL foil copper braiding, tin-plated, approx. 85% optical covering
	Outer jacket	Special mixture based on PUR

11.03.2005 – Subject to technical modification

Part-No. 104242

LUTZE INC.

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	Jacket colour	violet
	Outer Ø	9,5 ca. mm
Technical Data	Test voltage of supply cable	3000 V
	Test voltage of signal cable	1500 V
	Voltage of supply cable	300 V
	Voltage of signal cable	250 V
	Isolation resistance	min. 20 MΩ × km
	Loop resistance max. Ω /km	170
	Impedance	100 Ohm ± 15%
	Operating capacitance (800 Hz) nF/km	50
General Data	Standards	manufactured based on VDE 0800, 0812, 0814 and 0817 as well as UL appr. 2094, 2464, 20236 and 20236
	Halogen-free	Yes
	Weight	12,5 kg/100 m
	Packaging	50 m, 100 m rings, reels
	Stability	PVC for the most part resistant to oils and greases PUR resistant to mineral oils and greases Special TPE resistant to oils, greases and coolant
	Note	ETHERNET = 10 MBit/s FAST ETHERNET = 100 MBit/s GIGABIT ETHERNET = 1000 MBit/s
		1) = 
		
		LUTZE data connection socket Cat.5 2 × RJ 45 part no.: 680500

Certification



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