



DeviceNet.

CC-Link

CANopen



# Fieldbus Cables & Accessories



**Superflexible cables, standard cables, connectors,  
patch leads, USB products, switches and hubs**

# Fieldbus Cables & Accessories



The requirements for high speed manufacturing are becoming more complex. The need for integrating the office and the shopfloor means that often more than one fieldbus system is used within a control system environment.

Lutze is able to offer a complete range of cables, assemblies, switches and hubs, connection accessories and many other components designed to make field installation, integration and in-panel wiring much easier.

Lutze engineers have many years of experience in the design and configuration of industrial networks. We recognise reliability is key and this is demonstrated by a comprehensive range of high quality components, backed up by comprehensive stocks held in UK for rapid delivery if required. Please contact your local Lutze engineering team to discuss your application in detail.



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Cables				
Profibus	Description	Jacket	Dia.	Part Number
Standard	(1 x 2 x 0.64/AWG22/7) StC; red, green	PVC-violet	7.9mm	104214
UL Approved	(1 x 2 x 0.64/AWG24/19) StC UL; red, green	PVC-violet	7.9mm	104264
'FastConnect' UL	(1 x 2 x 0.64/AWG22/1) StC FC UL; red, green	PVC-violet	8.1mm	104293
Superflex	(1 x 2 x 0.64/AWG24/19) StC; red, green	PUR-violet	6.7mm	104215
Superflex UL Appr.	(1 x 2 x 0.64/AWG24/19) StC; red, green	PUR-violet	5.5mm	104265
Superflex +pwr. UL Appr.	(1 x 2 x 0.64/AWG24/19) StC; red, green	PUR-violet	9.8mm	104275
CanBus	Description	Jacket	Dia.	Part Number
Standard 1 pair	(1 x 2 x 0.22/AWG24/7); white, brown	PVC-violet	4.7mm	104205
Standard 2 pair	(2 x 2 x 0.22/AWG24/7); white, brown, green, yellow	PVC-violet	7.0mm	104206
Superflex 1 pair	(1 x 2 x 0.25); white, brown	PUR-violet	6.1mm	104202
Superflex 2 pair UL	(2 x 2 x 0.25/AWG24/19); white, brown, green, yellow	PUR-violet	6.0mm	104270
Superflex 1 pair +pwr.	(1 x 2 x 0.25+3 x 1.0); white, brown, red, blue, g/y	PUR-violet	7.5mm	104210
InterBus	Description	Jacket	Dia.	Part Number
Standard	(3 x 2 x 0.22/AWG24/7); white, brown, green, yellow, grey, pink	PVC-violet	7.5mm	104207
Superflex	(3 x 2 x 0.25); white, brown, green, yellow, grey, pink	PUR-violet	7.7mm	104208
Superflex +pwr. UL Appr.	(3 x 2 x 0.25/AWG24/19+3x1.0) UL; white, brown, green, yellow, grey, pink, blue, red, g/y	PUR-violet	8.3mm	104259
Devicenet	Description	Jacket	Dia.	Part Number
Superflex 'Drop'	((2 x 0.22) + (2 x 0.34)) StC; blue, white, red, black	PUR-violet	6.8mm	104289
Superflex 'Trunk'	((2 x 0.75) + (2 x 1.5)) StC; blue, white, red, black	PUR-violet	11.9mm	104279
ASI Bus	Description	Jacket	Dia.	Part Number
Data	2 x 1.5; brown, blue	TPE-yellow	n/a	104216
Power	2 x 1.5; brown, blue	TPE-black	n/a	104217
CC-Link	Description	Jacket	Dia.	Part Number
Standard UL/CLPA	(3 x 0.5) StC UL; white, yellow, blue	PVC-red	7.7mm	104300S
Ethernet/Profinet	Description	Jacket	Dia.	Part Number
Standard Ethernet 2 pair	(2 x 2 x 0.22/AWG24/7) Cat5 UL; white, brown, green, yellow	PUR-violet	6.1mm	104247
Superflex Ethernet 2 pair UL	(2 x 2 x 0.22/AWG24/7) Cat5 UL; white, brown, green, yellow	PUR-violet	6.1mm	104245
Superflex Ethernet 4 pair UL	(2 x 2 x 0.22/AWG24/7) Cat5 UL; white, brown, green, yellow, grey, pink, blue, red	PUR-violet	9.6mm	104246
Superflex Profinet 2 pair UL	(2 x 2 x 0.3/AWG23/19) Cat5 UL; white, blue, yellow, orange	PUR-green	6.6mm	104304

Connectors and Leads		
Profibus	Description	Part Number
	Screw terminal, no PG connector	743090
	Screw terminal, with PG connector	743093
	Screwless terminal, no PG connector	743091
	Screwless terminal, with PG connector	743092
	Screw terminal, 180°, no PG connector	744735
M12	Description	Part Number
	M12 5-pole male cable plug A-code, Devicenet/CAN	490051
	M12 5-pole female cable socket A-code, Devicenet/CAN	490053
	M12 5-pole male cable plug B-code, Profibus/Interbus	490072
	M12 5-pole female cable socket B-code, Profibus/Interbus	490073
	M12 4-pole male cable plug D-code, Ethernet	490074
	M12 4-pole female panel socket, D-code, Ethernet; 0.5m loose tails, 4x0.34mm	490086
	M12 4-pole female panel socket, D-code, Ethernet; 0.5m ethernet cable/open end	490082
	M12 4-pole female panel socket, D-code, Ethernet; 1.0m ethernet cable/open end	490083
	M12 4-pole female panel socket, D-code, Ethernet; 2.0m ethernet cable/open end	490084
Patch Leads	Description	Part Number
	RJ45/RJ45 straight grey Cat5 STP, 0.5m	192000
	RJ45/RJ45 straight grey Cat5 STP, 1m	192001
	RJ45/RJ45 straight grey Cat5 STP, 2m	192002
	RJ45/RJ45 straight grey Cat5 STP, 3m	192003
	RJ45/RJ45 straight grey Cat5 STP, 5m	192004
	RJ45/RJ45 straight blue Cat5 STP, 1m	192022.0100
	RJ45/RJ45 straight blue Cat5 STP, 2m	192022.0200
	RJ45/RJ45 straight blue Cat5 STP, 3m	192022.0300
	RJ45/RJ45 straight yellow Cat5 STP, 1m	192031.0100
	RJ45/RJ45 straight yellow Cat5 STP, 2m	192031.0200
	RJ45/RJ45 straight yellow Cat5 STP, 3m	192031.0300
	RJ45/RJ45 straight red Cat5 STP, 1m	192032.0100
	RJ45/RJ45 straight red Cat5 STP, 2m	192032.0200
	RJ45/RJ45 straight red Cat5 STP, 3m	192032.0300
	RJ45/RJ45 straight green Cat5 STP, 1m	192030.0100
	RJ45/RJ45 straight green Cat5 STP, 2m	192030.0200
	RJ45/RJ45 straight green Cat5 STP, 3m	192030.0300

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Switches, Hubs and Panel Interfacing		
Panel entry	Description	Part Number
	RJ45/RJ45 22.5mm ethernet entry point, Cat3	490075
	RJ45/RJ45 22.5mm ethernet entry point, Cat5	491075
	USB/flying lead, 22.5mm USB entry point, 0.3m	499991
	USB/flying lead, 22.5mm USB entry point, 0.6m	499992
	USB/flying lead, 22.5mm USB entry point, 0.8m	490076
	USB/flying lead, 22.5mm USB entry point, 1.5m	490078
	USB/flying lead, 22.5mm USB entry point, 2m	490079
	USB/flying lead, 22.5mm USB entry point, 3m	490080
	USB/flying lead, 22.5mm USB entry point, 5m	490081
Interface	Description	Part Number
	DIN rail interface, Cat5 cable to RJ45, two separate channels, suitable for in-panel mounting	680500
Ethernet Switch	Description	Part Number
	DIN rail mount, 6-port 10/100 baseT industrial ethernet switch, 4 x RJ45 + 2 screw-terminal	745570
	DIN rail mount, 8-port 10/100 baseT industrial ethernet switch, 2 x 4 x RJ45	745571
	DIN rail mount, 8-port 10/100 baseT rugged ethernet switch, 8 x RJ45	745568
	DIN rail mount, 8-port 10/100 baseT rugged ethernet switch, IP67, 8 x M12, 'D' code	745569
USB Hub	Description	Part Number
	DIN rail mount, 1in(B)-to-4out(A) USB1.1 hub	745582
	DIN rail mount, 1in(B)-to-4out(A) USB1.1 hub with opto isolation	745581
	DIN rail mount, 1in(B)-to-6out(A, 3+3) USB1.1 hub with opto isolation	745580

Lutze manufacture a full range of interfacing and interconnectivity products. Details can be requested from our Sales Office or found on our website [www.lutze.co.uk](http://www.lutze.co.uk)

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### **Lutze systems for highest industrial standards:**

- ▶ Prepopulated C-track systems
- ▶ Lütze-LSC-wiring systems for all standard control panels
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- ▶ Reliable suppression technology
- ▶ Efficient power supplies
- ▶ Automation systems for harsh surroundings

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