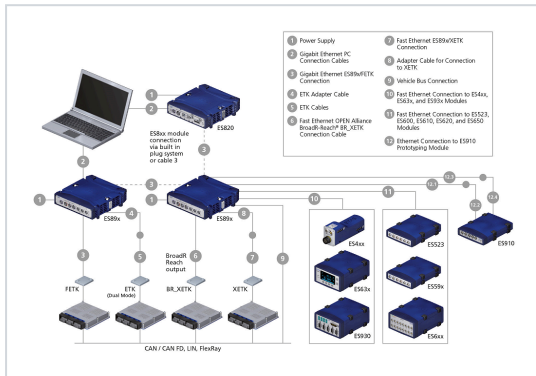


## Ordering Information



- 1 – Power Supply
- 2 – Gigabit Ethernet PC Connection Cables
- 3 – Gigabit Ethernet ES89x/FETK Connection and ES89x Power Supply Cables
- 4 – ETK Adapter Cable
- 5 – ETK Cables
- 6 – Fast Ethernet OPEN Alliance BroadR-Reach® BR\_XETK Connection Cable
- 7 – Fast Ethernet ES89x/XETK Connection
- 8 – Adapter Cable for Connection to XETK
- 9 – Vehicle Bus Connection
- 10 – Fast Ethernet Connection to ES4xx, ES63x, and ES93x Modules
- 11 – Fast Ethernet Connection to ES523, ES600, ES610, ES620, and ES650 Modules
- 12 – Ethernet Connection to ES910 Prototyping Modules

Order Name	Length	Short Name	Order Number
ES89x Modules			
ES891.2 ECU and Bus Interface Module Package		ES891.2 Package	F-00K-114-852

ES891.2 ECU and Bus Interface Module (2xFETK/GE, 1xFE, 1xLIN, 5xCAN (FD-SIC) or 3xCAN (FD-SIC)+1xFlexRay A/B)	ES891.2	F-00K-114-806
ES892.2 ECU and Bus Interface Module Package	ES892.2 Package	F-00K-114-853
ES892.2 ECU and Bus Interface Module (2x FETK/GE, 1xFE, 1xLIN, 5xCAN (FD-SIC))	ES892.2	F-00K-114-809

## Optional Cables and Connectors

### 1 – Power supply

ES801.1 Base Module for ES800 – Banana (2mc), 2m	ES801.1	F-00K-109-483
ES801.1-S Base Module for ES800 - Safety Banana (2mc), 2m	ES801.1-S	F-00K-110-057

### 2 – Gigabit Ethernet PC Connection Cables

1 GBit/s Ethernet PC Connection Cable , Lemo 1B FGM – RJ45 (10fc-8mc), 3 m	3.00 m 9.84 ft	CBE250.1-3	F-00K-109-469
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1-Gbit/s Ethernet PC Connection Cable, Lemo 1B FGM – RJ45 (10fc-8mc), 5 m	5.00 m 16.40 ft	CBE250.1-5	F-00K-109-470
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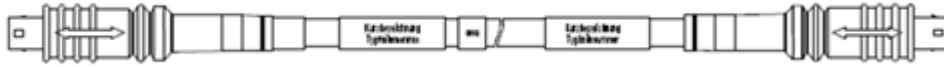
1 GBit/s Ethernet PC Connection Cable, Lemo 1B FGM – RJ45 (10fc-8mc), 8 m	8.00 m 26.25 ft	CBE250.1-8	F-00K-109-471
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### 3 – Gigabit Ethernet FETK Connection and Power Supply Cable

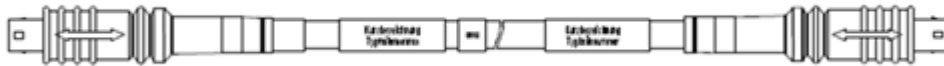
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1 GBit/s Ethernet Connection and Power Supply Cable, Lemo 1B FGM - Lemo 1B FGH (10fc-10mc), 3 m	3.00 m 9.84 ft	CBE260.1-3	F-00K-109-446
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1 GBit/s Ethernet Connection and Power Supply Cable, Lemo 1B FGM - Lemo 1B FGH (10fc-10mc), 8 m	8.00 m 26.25 ft	CBE260.1-8	F-00K-109-447
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#### 4 - ETK Adapter Cable

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GBit Ethernet Connection Adapter Cable for Dual Mode ETK, Lemo 1B FGH - Lemo 1B PHG (10mc-4fc), 0m3	0.30 m 0.98 ft	CBAE360.1-0m3	F-00K-109-448
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#### 5 - ETK Cables

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ETK Interface Cable 100 Mbit/s, Lemo 1B FFG - Lemo 1B FFG (4mc-4mc), 3 m	3.00 m 9.84 ft	CBM150-3	F-00K-102-556
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ETK Interface Cable 100 Mbit/s, Lemo 1B FFG - Lemo 1B FFG (4mc-4mc), 5 m	5.00 m 16.40 ft	CBM150-5	F-00K-102-557
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ETK Interface Cable 100 Mbit/s, Lemo 1B FFG - Lemo 1B FFG (4mc-4mc), 10 m	10.00 m 32.81 ft	CBM150-10	F-00K-102-553
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#### 6 - Fast Ethernet Connection with OPEN Alliance BroadR-Reach® BR\_XETK

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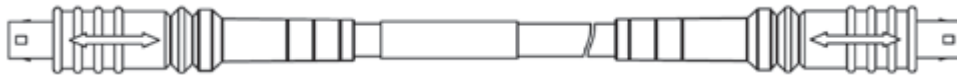
Media Converter Cable, DSUB - Lemo 1B FGF (9mc-8mc), 1m	1.00 m 3.28 ft	CBEB105.1-1m0	F-00K-110-321
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### 7 – Fast Ethernet ES89x / XETK Connection (requires Adapter Cable CBAE330)

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Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE - Lemo 1B FGE (10mc- 10mc), 3 m	3.00 m 9.84 ft	CBE230-3	F-00K-105-757
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Ethernet Connection Cable 1 GBit/s, Lemo 1B FGE - Lemo 1B FGE (10mc- 10mc), 8 m	8.00 m 26.25 ft	CBE230-8	F-00K-105-758
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### 8 – Adapter Cable for Connection to XETK

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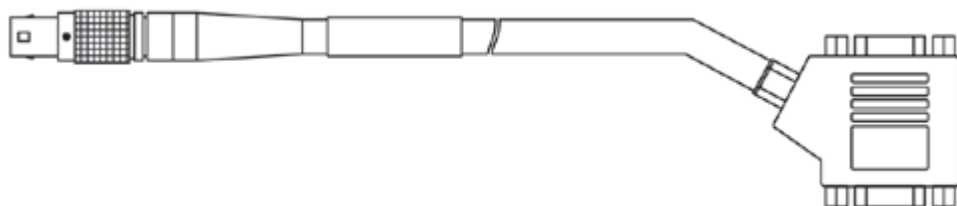
Ethernet Connection Adapter Cable 1 GBit/s to 100 MBit/s, Lemo 1B PHE - Lemo 1B FGF (10fc-8mc), 0m5	0.50 m 1.64 ft	CBAE330-0m5	F-00K-105-759
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### 9 – Vehicle Bus Connection: CAN

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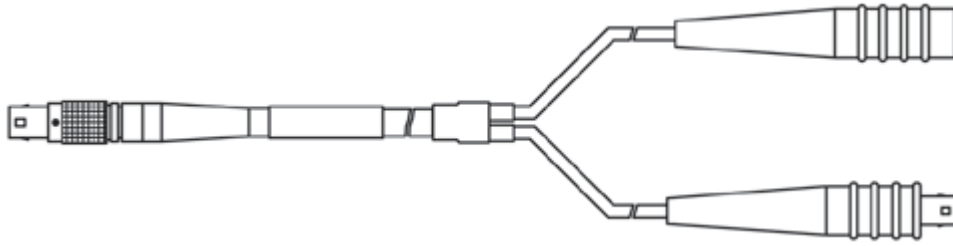
CAN Interface Cable, Lemo 1B FGC - 2xDSUB (8mc-9fc+9mc), 2 m	2.00 m 6.56 ft	K106	F-00K-001-271
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CAN Interface Y-Cable, Lemo 1B FGC - Lemo 0S PCA - LEMO 0S FFA (8mc- 2fc+2mc) , 2 m	2.00 m 6.56 ft	K107	F-00K-001-272
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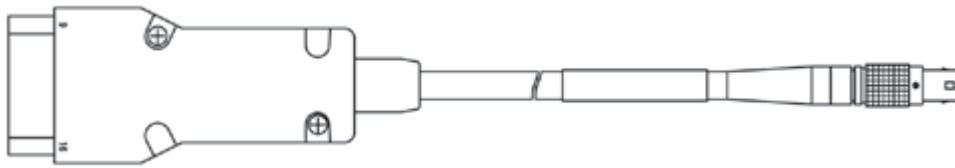
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CAN Interface Cable, OBDII J1962 - Lemo 1B FGC (16mc-8mc), 2.5 m	2.50 m 8.20 ft	CBAC150-2m5	F-00K-104-159
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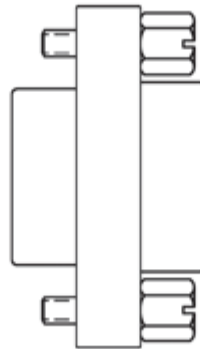
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CAN 120 $\Omega$ Termination Resistor, 2xDSUB (9fc+9mc)		CBCX131.1-0	F-00K-103-786
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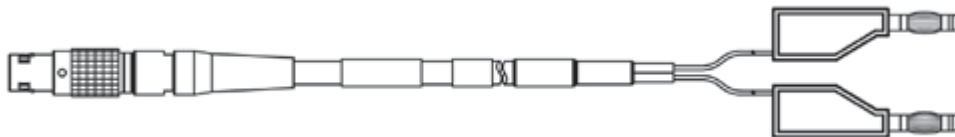
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CAN Interface Cable, Lemo 1B FGC - Banana (8mc - 2mc), 1m5	1.50 m 4.92 ft	CBAC160.1-1m5	F-00K-106-116
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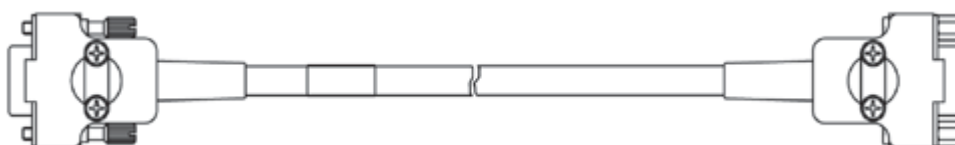
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CAN Interface Cable, DSUB - DSUB (9fc- 9mc), 2 m	2.00 m 6.56 ft	CBCX130-2	F-00K-103-784
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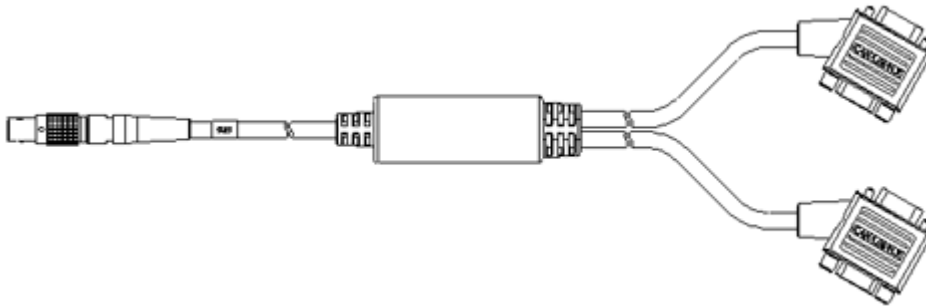
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## 9 – Vehicle Bus Connection: CAN / LIN / FlexRay

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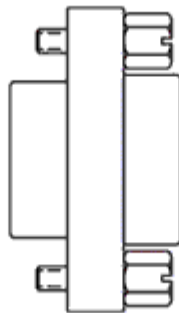
CAN, and LIN Interface Y-Cable, Lemo 1B FGC - 2xDSUB (8mc-9fc+ 9mc), 2 m 2.00 m CBCF100.1-2 F-00K-106-893  
6.56 ft



## 9 – Vehicle Bus Connection: FlexRay

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Termination Resistor 100  $\Omega$ , 2xDSUB (9fc-9mc) CBFX131.1-0 F-00K-104-689



## 10 – Fast Ethernet Connection to ES4xx, ES63x and ES9xx modules

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Ethernet PC Connection Cable, Highly Flexible, Lemo 1B FGF - Lemo 1B FGL (8mc-8fc), 0m5 0.50 m CBE401.1-0m5 F-00K-106-128  
1.64 ft



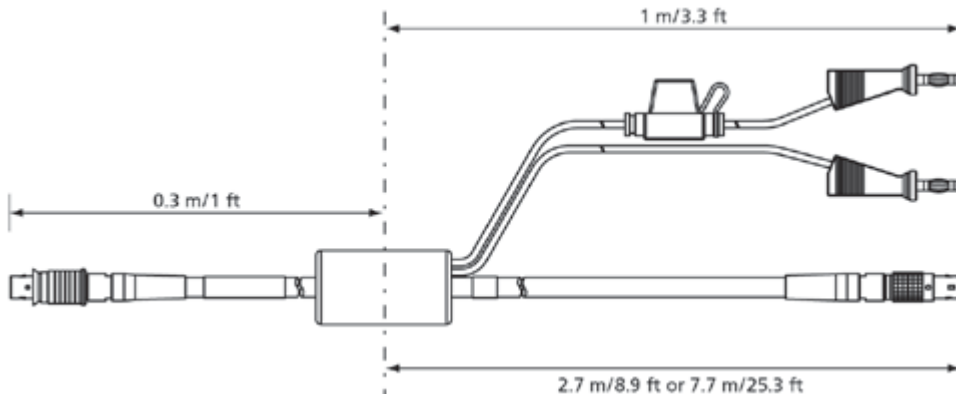
Ethernet PC Connection Cable, Lemo 1B FGF - Lemo 1B FGL (8mc-8fc), 3 m 3.00 m CBE400.2-3 F-00K-104-920  
9.84 ft



## 10 – Fast Ethernet Connection to ES4xx, ES63x and ES9xx modules (incl. power supply)

Ethernet Connection and Power Supply Cable, Lemo 1B FGF - Lemo 1B FGL - Banana (8mc-8fc+2mc), 3 m	3.00 m 9.84 ft	CBEP425.1-3	F-00K-105-972
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Ethernet Connection and Power Supply Cable, Lemo 1B FGF - Lemo 1B FGL - Banana (8mc-8fc+2mc), 3 m	3.00 m 9.84 ft	CBEP420.1-3	F-00K-105-292
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## 11 – Fast Ethernet Connection to ES520, ES59x, ES600, ES610, ES620, and ES650 Modules

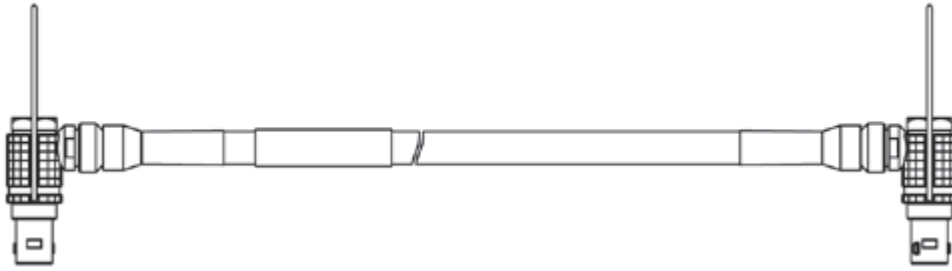
Ethernet Connection and Power Supply Cable, Lemo 1B FGF - Lemo 1B FGD (8mc-8mc), 0m45	0.45 m 1.48 ft	CBE130-0m45	F-00K-102-748
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Ethernet Connection and Power Supply Cable, Lemo 1B FGF - Lemo 1B FGD (8mc-8mc), 3 m	3.00 m 9.84 ft	CBE130-3	F-00K-102-587
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Ethernet Connection and Power Supply Cable with Angular Connectors, Lemo 1B FMF - Lemo 1B FMD (8mc-8mc), 0m45	0.45 m 1.48 ft	CBE140-0m45	F-00K-104-153
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## 12 – Ethernet Connection of ES89x to ES910 Prototyping Modules

### 12.1 – Connection of ES89x Module to CBAE190 Adapter Cable

Ethernet Connection and Power Supply Cable, Lemo 1B FGF - Lemo 1B FGD (8mc-8mc), 0m45	0.45 m 1.48 ft	CBE130-0m45	F-00K-102-748
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Ethernet Connection and Power Supply Cable, Lemo 1B FGF - Lemo 1B FGD (8mc-8mc), 3 m	3.00 m 9.84 ft	CBE130-3	F-00K-102-587
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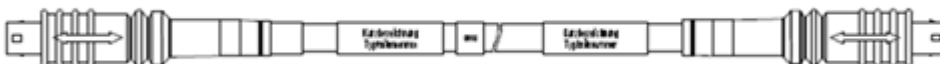
### 12.2 – Connection of CBAE190 Adapter Cable to ES910 PC Port

100 MBit/s Ethernet Connection Adapter Cable for Rapid Prototyping with ES910/ES89x, Lemo 1B FGA - Lemo 1B PHG (10mc-8fc), 0,3m	0.30 m 0.98 ft	CBAE190-0m3	F-00K-109-902
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### 12.3 – Connection of ES89x Module to CBAE220 Adapter Cable

1 GBit/s Ethernet Connection and Power Supply Cable, Lemo 1B FGM - Lemo 1B FGH (10fc-10mc), 3 m	3.00 m 9.84 ft	CBE260.1-3	F-00K-109-446
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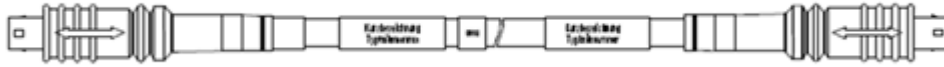
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1 GBit/s Ethernet Connection and Power  
Supply Cable, Lemo 1B FGM - Lemo 1B FGH  
(10fc-10mc), 8 m

8.00 m  
26.25 ft

CBE260.1-8

F-00K-109-447



#### 12.4 - Connection of CBAE220 Adapter Cable to ES910 ECU Port

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1 GBit/s Ethernet Connection Adapter Cable  
for Rapid Prototyping with ES910/ES89x,  
Lemo 1B FGE - Lemo 1B PHM (10mc-10mc),  
0,3m

0.30 m  
0.98 ft

CBAE220-0m3

F-00K-109-903

