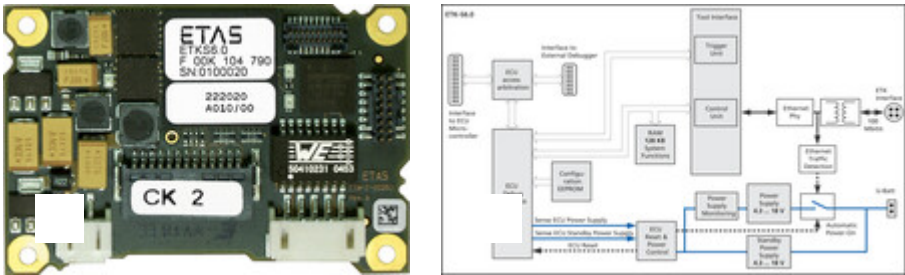


ETK-S6.0 – ECU Interface



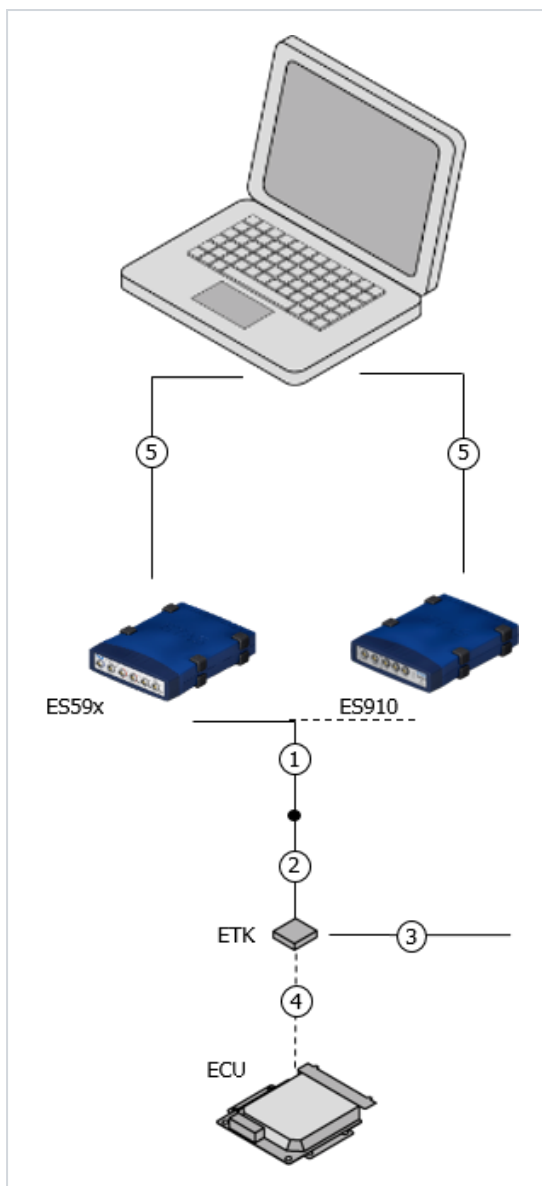
CPU interface

Supported processors	SH72513FCC, SH72512, SH72512FCC, SH72513, SH72544, SH72546RFCC
	For a complete list of supported microprocessors, please refer to the product's User's Guide.
Configuration	Project-specific configuration for memory configurations stored in EEPROM
Board	
Dimensions (HxWxD)	9.9 x 40 x 60 mm / 0.4 x 1.6 x 2.7 in
Power supply	
Input voltage	4.3 V to 18 V
	Stand-by: min. 4.3 V
Input current at 12 V	approx. 100 mA normal operation
	approx. 10 mA stand-by
Memory emulation	

Emulation memory	Processor-specific
Measured data memory	Processor-specific
Host interface	
Serial interface	100 Mbit/s
	Double-shielded line, max. 30 m/100 ft
	Electrically isolated
Operation temperature	
Temperature range	-40 °C to +110 °C / -40 °F to +230 °F

This product has been developed and released for use in automotive applications. For usage in other domains please contact your ETAS representative.

Ordering Information



- 1 – Interface Connection
- 2 – ETK Connection (for all 100 Mbit ETKs)
- 3 – Power Supply Connection
- 4 – ECU Connection
- 5 – Ethernet PC Connection

Order Name	Short Name	Order Number
ETK-S6.0		
ETKS6.0 Emulator Probe for the Renesas AUD-II debug interface	ETKS6.0	F-00K-104-790



Optional Accessories for ETK-S6.0

1 – Interface Connection (all 100 Mbit ETKs to ES59x, ES690, ES910)

ETK Interface Cable 100 Mbit/s, Lemo 1B FFG - Lemo 1B FFG (4mc-4mc), 3 m	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	CBM150-5	F-00K-102-557
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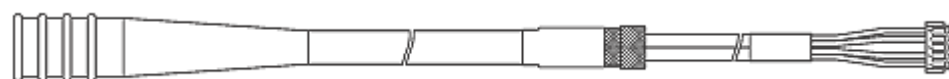


ETK Interface Cable 100 Mbit/s, Lemo 1B FFG - Lemo 1B FFG (4mc-4mc), 10 m	CBM150-10	F-00K-102-553
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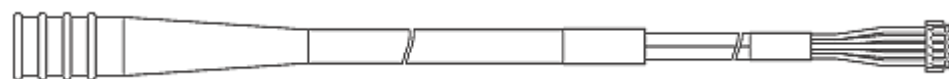


2 – ETK Connection (for all 100 Mbit ETKs)

ETK ECU Adapter Cable, Shield on ECU-Housing, Lemo 1B PHG - JST PHR (4fc-5fc), 0m6	KA54	F-00K-001-302
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ETK ECU Adapter Cable, Lemo 1B PHG - JST PHR (4fc-5fc), 0m6	KA55	F-00K-001-303
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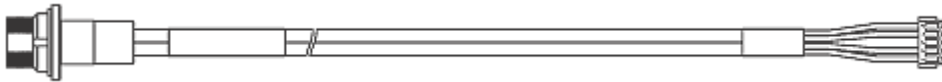
ETK ECU Adapter Cable, Shield on ECU-Housing,
Lemo 1B HMG - JST PHG (4fc-5fc), 0m085

CBAM200.2-0m085 F-00K-104-312



ETK ECU Adapter Cable, Shield on ECU-housing,
Lemo 1B HMG - JST PHG (4fc-5fc), 0m130

CBAM200-0m130 F-00K-104-852



ETK ECU Adapter Cable, pre-assembled into PG9
screwing, shield on ECU- Housing, Lemo 1B PHG -
JST PHR (4fc-5fc), 0m50

CBAM261-0m5

F-00K-107-754

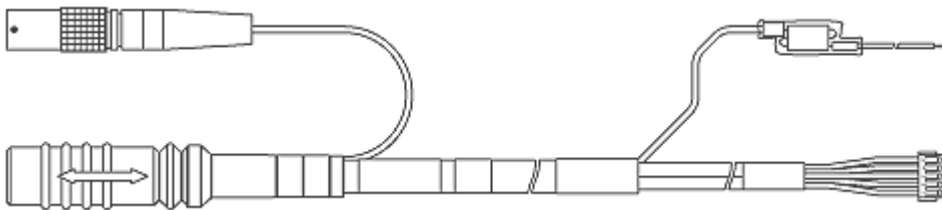


2&3 – Combined ETK ECU Adapter and Power Supply Cable (all 100 Mbit ETks)

ETK ECU Adapter and Power Supply Cable, Lemo
1B PHG - JST PHR (4fc-5fc) / Lemo 0B PHG - open
wires (2fc-2c), 0m6

CBAM210-0m6

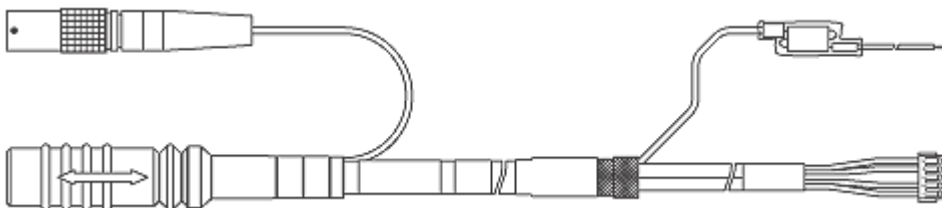
F-00K-104-873



ETK ECU Adapter and Power Supply Cable, Shield
on ECU-Housing, Lemo 1B PHG - JST PHR (4fc-5fc)
/ Lemo 0B PHG - open wires (2fc-2c), 0m60

CBAM220-0m6

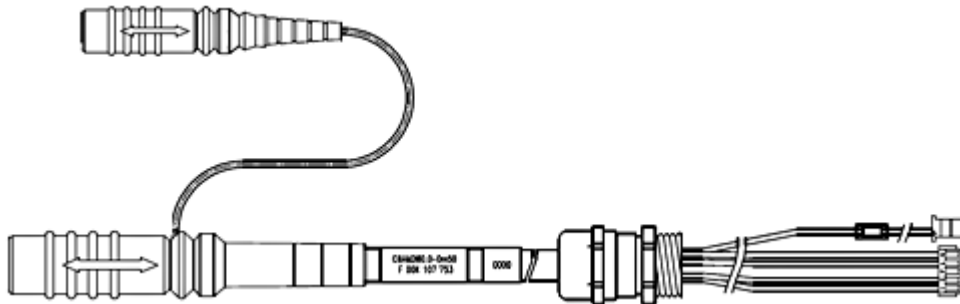
F-00K-105-075



ETK ECU Adapter and Power Supply Cable, pre-assembled into PG9 screwing, shield on ECU-Housing, Lemo 1B PHG - JST PHR (4fc-5fc) / Lemo 0B PHG - JST PAP (2fc-2fc), 0m50

CBAM260-0m5

F-00K-107-753



3 – Power Supply Connection

ETK Power Supply Cable with Filter Coil, JST PHR - open wires (2fc-2c), 0m19

ETV2

F-00K-000-593



ETK Power Supply Cable for External Supply, with Filter Coil, Lemo 0B EGG - open wire (2fc-1c), 0m2

KA50

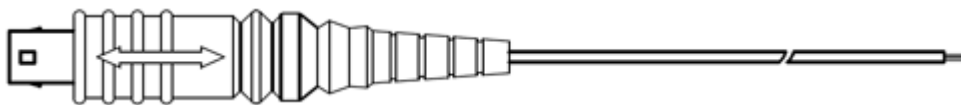
F-00K-000-940



External Power Supply Cable for ETKs, Lemo 0B - FGG open wires (2fc-1c), 2 m

K70.1

F-00K-109-270



ETK power supply for 6-36V DC input

ETP1

F-00K-000-624

ETK power supply for 4,3-36V DC input, with galvanic isolation

ETP2

F-00K-104-010

4 – ECU Connection

ETAF1 ETK ECU Adapter, Erni - Erni (26fc - 26fc), 0m1

ETAF1

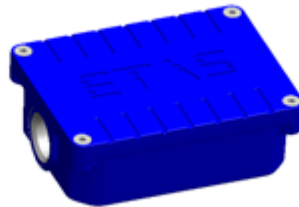
F-00K-001-373

Debugger Connection

Debug Adapter for Renesas SH72xx-Debugger to ETK	ETAF6	F-00K-104-773
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Housing

Water-proof case, designed for ETK-S4.x, ETK-S6.x and ETK-S2x	ETKS_C3	F-00K-107-683
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ECU Connection Protection Cap (for CBAM230, CBAM240)

Cap to protect open Lemo 1B sockets against dirt, cost effective	CAP_LEMO_1B_LC	F-00K-105-683
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5 – Ethernet PC Connection

Further information on the Ethernet PC Connection, can be found in the [cable page Ethernet Connection](#).

Note: This list contains only a selection of available adapters. A comprehensive overview is available in the User Guide of each ETK.