

PAMS Technical Documentation

RPM-1 Series Transceivers

Service Tools

AMENDMENT RECORD SHEET

[illegible]

CONTENTS

	Page No
Service Adapter JBS-23	4
Product Code	4
View of JBS-23	4
Flash Loading Adapter FLA-7	5
Product Code	5
View of FLA-7	5
Flash Prommer FPS-4S (Sales Pack)	6
Product Code	6
View of FPS-4S	6
Security Box TDF-4	7
Product Code	7
View of TDF-4	7
Service Cable SCH-5A	8
Product Code	8
View of SCH-5A	8
DC Power Cable SCF-7	9
Product Code	9
View of SCF-7	9
D9-D9 Cable AXS-4	10
Product Code	10
View of AXS-4	10
D15-D15 Cable AXS-5	11
Product Code	11
View of AXS-5	11
MBUS Cable DAU-9M	12
Product Code	12
View of DAU-9M	12
Power ACH-6	13
Product Code	13
Views of ACH-6 variants	13
RF cable XRP-2S	14
Product Code	14
View of XRP-2S	14
SW Security Device PKD-1	15
Product Code	15
View of SW Security Device	15
Opening Tool SRT-2	16
Product Code	16
View of SRT-2	16
Standard Test Lead, Red and Black	17
Product Code	17
View of Standard Test Lead	17

Service Adapter JBS-23

The service adapter JBS-23 is used to connect Card phones RPE-1 and RPM-1 to Nokia DCT3 SW upgrade environment and to enable WinTesla usage with DAU-9P service cable. Since the card phone concept does not have a battery as a power supply, a standard Nokia charger for DCT2 products (ACH-6E) is used as a power supply when WinTesla operations are done DAU-9P cable.

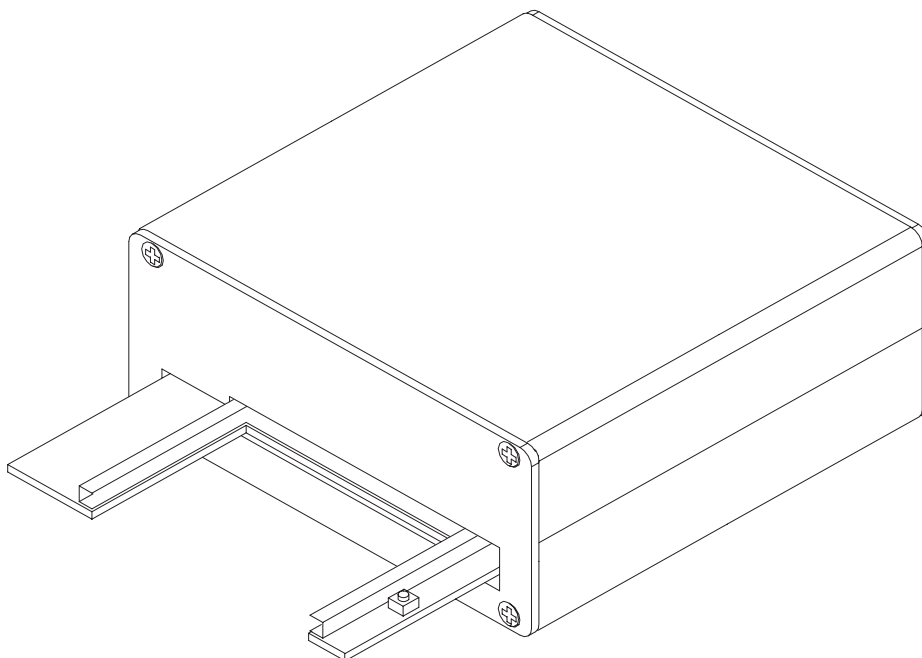
When JBS-23 is used with SW upgrade environment, power must be supplied with standard test leads.

Product Code

Service Adapter JBS-23:

0770165

View of JBS-23



Flash Loading Adapter FLA-7

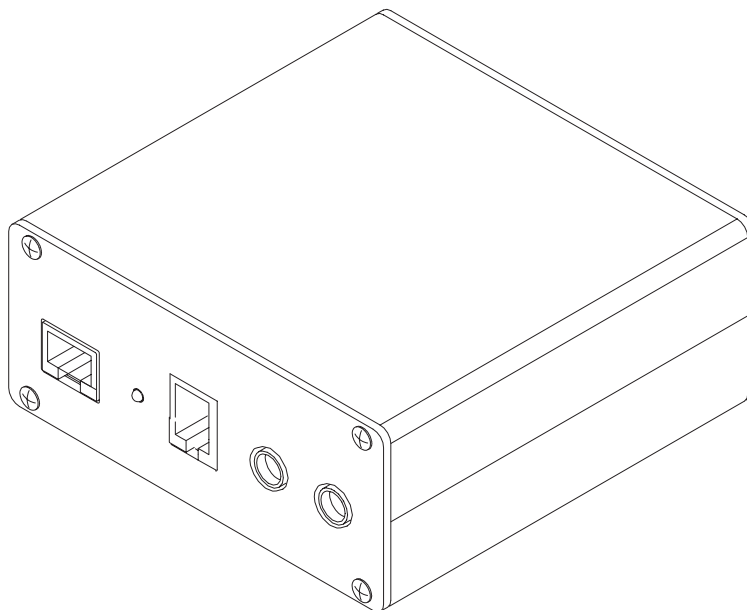
The flash loading adapter FLA-7 is used with JBS-23 and test leads in CMT SW upgrade. Service cable SCH-5 is also needed. Power is supplied to FLA-7 from ACL-3 charger. Power for the FPS-4 can be connected via FLA-7 by SCF-7 DC power cable. The adapter is connected to the flash prommer FPS-4S by the AXS-5 cable and to the security box TDF-4 by the XCM-1 cable.

Previous version of the flash loading adapter, FLA-5, the version without Communicator power outlet can also be used.

Product Code

Flash Loading Adapter FLA-7: 0770119

View of FLA-7



Flash Prommer FPS-4S (Sales Pack)

The flash prommer FPS-4S is used to update the main software of the phone. Updating is done by first loading the new MCU software from the PC to the flash prommer, and then loading the new SW from the prommer to the phone. When updating more than one phone in succession, the MCU software only needs to be loaded to the prommer once.

The sales pack includes:

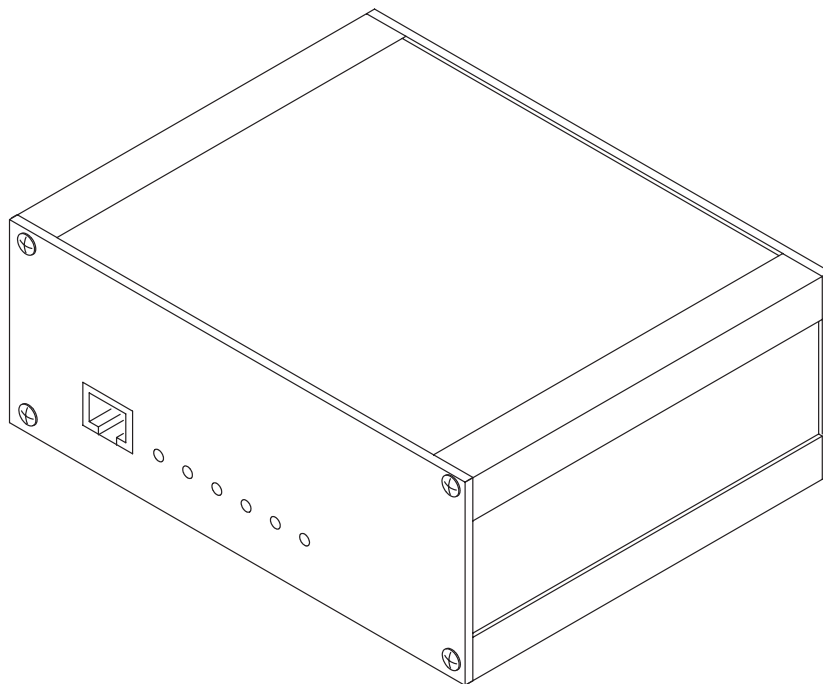
- | | |
|-----------------------------------|---------|
| - Charger ACL-3E | 0680015 |
| - Printer Cable | 0730029 |
| - D9 - D9 Cable AXS-4 | 0730090 |
| - Installation software for FPS-4 | 0774043 |
| - SW flash device support disk | 0774228 |

Note! Due to hardware changes in RPM-1 product installation software has been updated to contain RPM-1 specific files. Make sure that you have newest FPS-4 software before you start setting up SW upgrade equipment.

Product Code

Flash Prommer FPS-4S:	0080178
-----------------------	---------

View of FPS-4S



Security Box TDF-4

The security box TDF-4 is required for updating MCU software, and infra red testing.

Note: TDF-4 is delivered in de-activated mode.

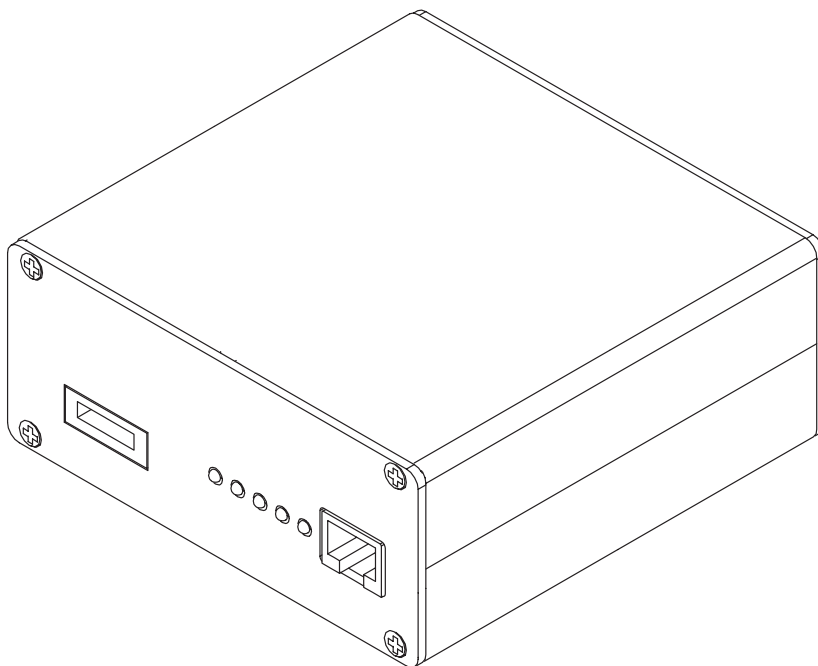
Fill in the enclosed Activation Request Form, and fax to NMP Salo to get the activation code.

Product Code

Security Box TDF-4:

0770106

View of TDF-4



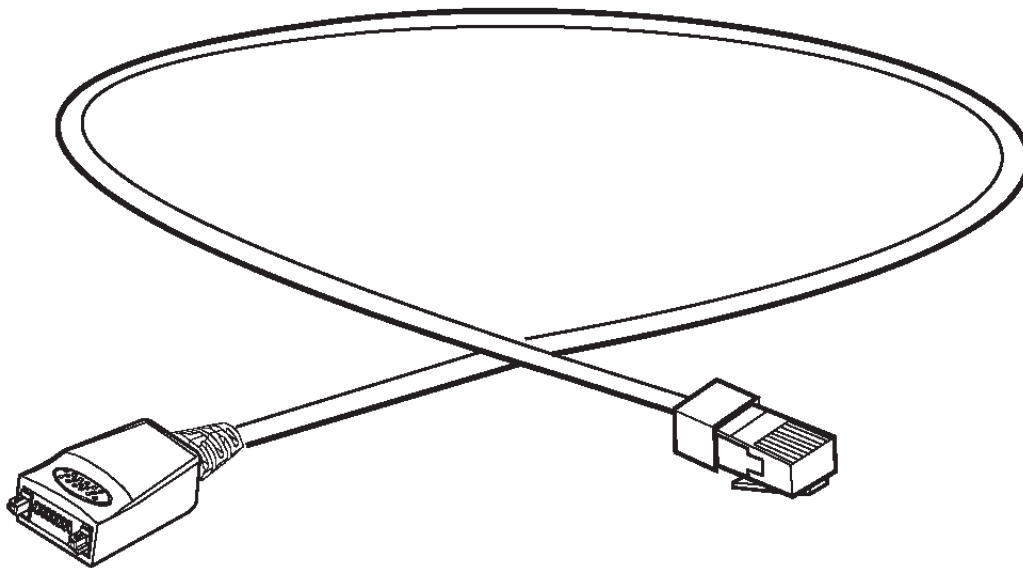
Service Cable SCH-5A

The service cable SCH-5A is used between the JBS-23 service adapter and the flash loading adapter FLA-7. The difference between previous SCH-5 and now available SCH-5A is the design of A-version connector which can be used with 7110 phone as well. Old SCH-5 cables can be used with JBS-23 if A version is not available.

Product Code

Service Cable SCH-5A:	0730166
-----------------------	---------

View of SCH-5A



DC Power Cable SCF-7

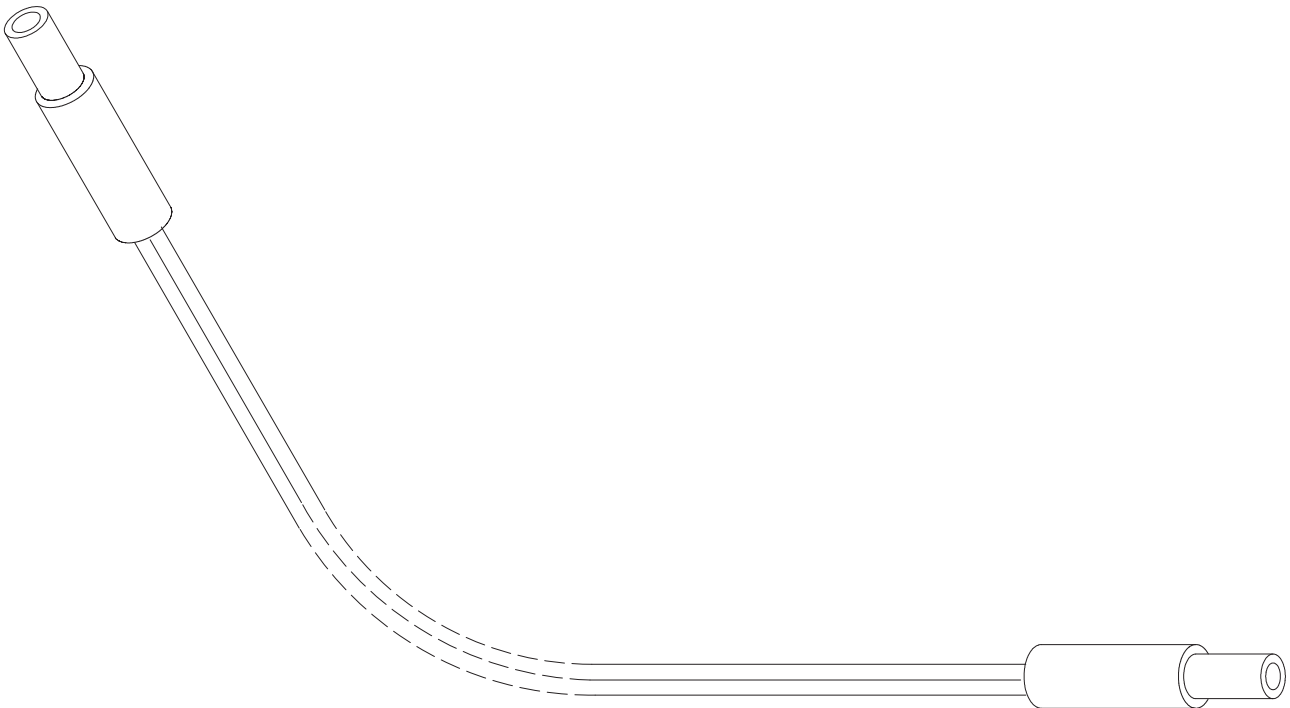
The DC power cable SCF-7 is used for connecting power from ACL-3 charger via FLA-7 to FPS-4.

Product Code

DC Power Cable SCF-7:

0730141

View of SCF-7



D9-D9 Cable AXS-4

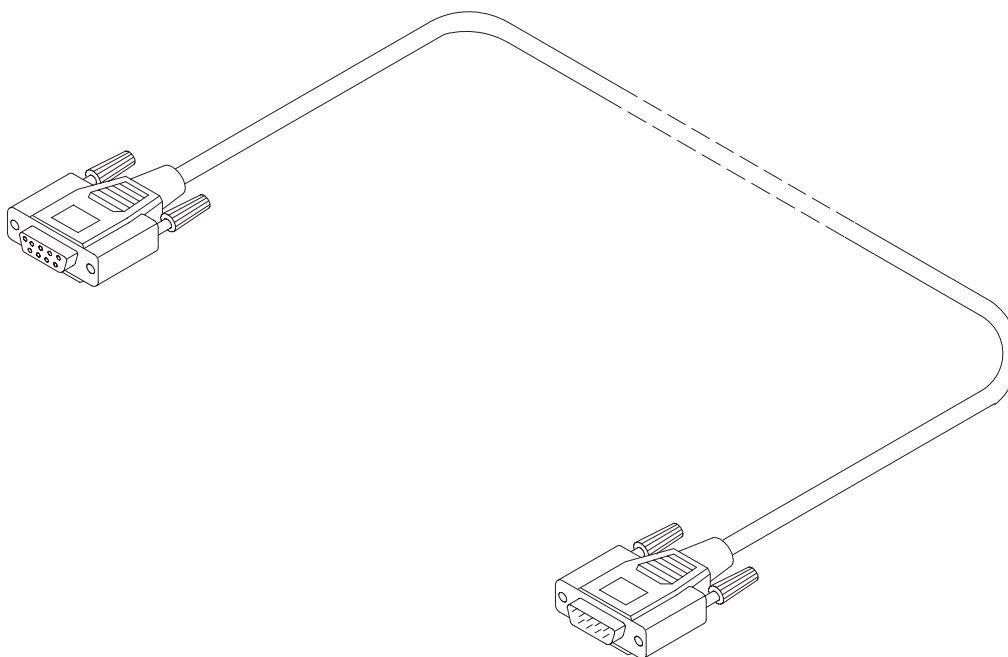
The D9-D9 cable AXS-4 is used to connect two 9 pin D connectors. e.g. between PC and TDF-4 security box.

Product Code

D9 - D9 Cable AXS-4:

0730090

View of AXS-4



D15-D15 Cable AXS-5

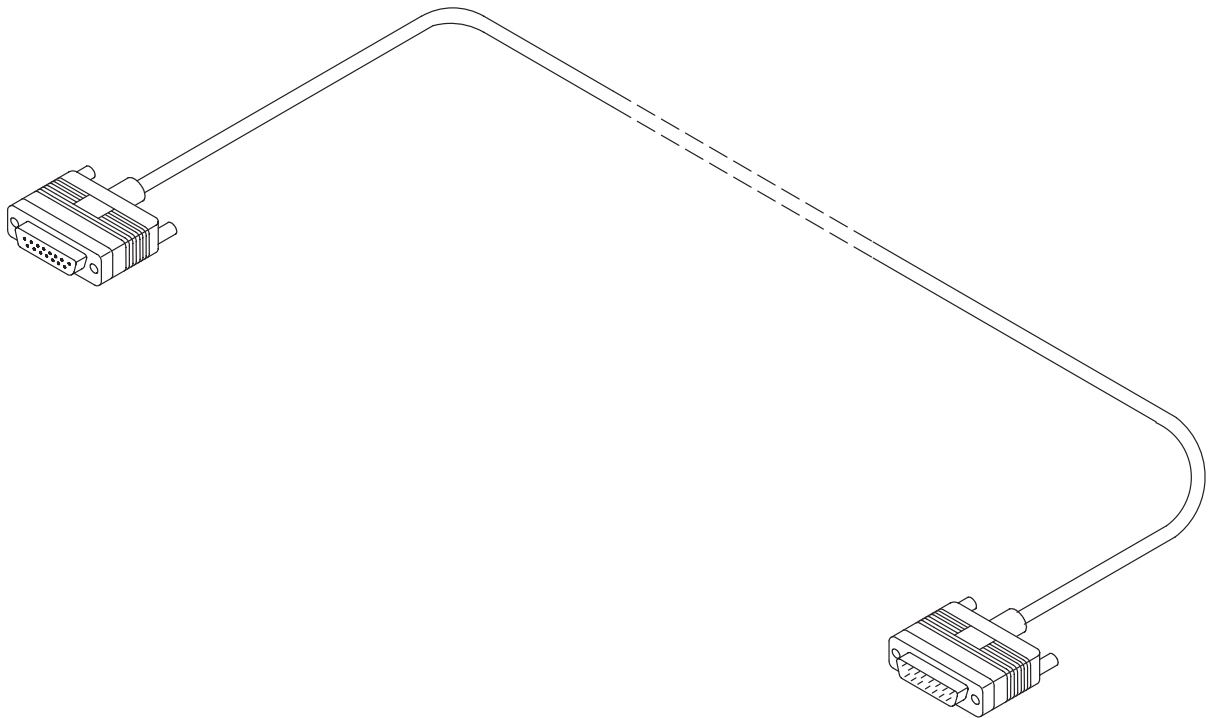
The D15-D15 cable AXS-5 is used to connect two 15 pin D connectors. e.g. between FLA-7 and FPS-4S.

Product Code

D15-D15 Cable AXS-5:

0730091

View of AXS-5



MBUS Cable DAU-9M

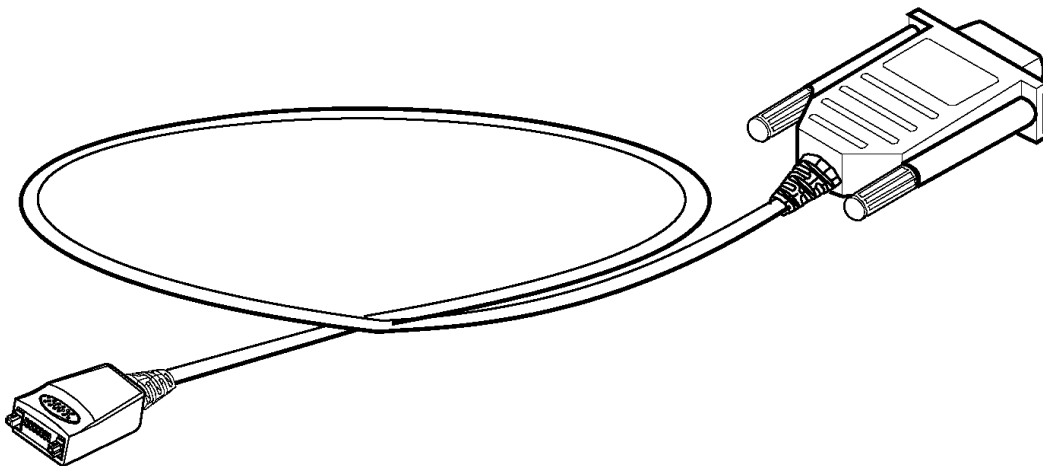
The MBUS cable DAU-9M has a 61**/51**/7110 phone system connector, and is used between the JBS-23 box and external devices (laptops, PCs). Only difference between previous version of DAU-9M, the DAU-9P is the smaller design of DAU-9M connector. Old DAU-9P cables can be used with JBS-23 if they are available.

Product Code

MBUS Cable DAU-9M:

0730162

View of DAU-9M



Power ACH-6

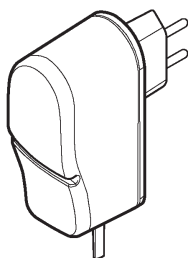
ACH-6E charger is used as power supply for the JBS-23, when the phone is controlled using the DAU-9M cable. Banana cables are not needed when this setup is used.

There are four variants of ACH-6 DC Power sources available:

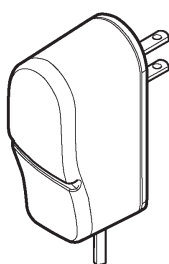
Product Code

Name of unit	Usage area	Material code
ACH-6E	Europe	0675084
ACH-6U/J	U.S.A / Japan	0675085 / 0675140
ACH-6A	Australia	0675086
ACH-6X	UK / Hong Kong	0675087

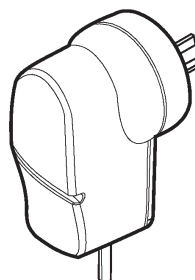
Views of ACH-6 variants



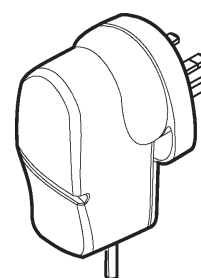
ACH-6E
Euro



ACH-6U
USA



ACH-6A
Australia



ACH-6X
UK

RF cable XRP-2S

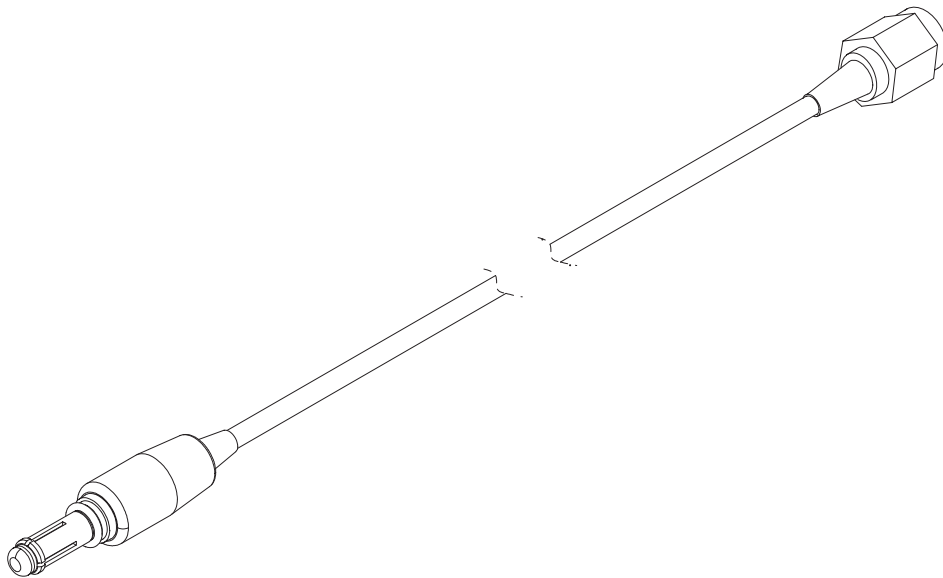
RF cable XRP-2S is used between RPM-1 card phone and RF measurement equipment to perform tuning operations. The standard antenna of RPM-1 must be removed to connect the RF-cable into the phone.

Product Code

RF Cable XRP-2S:

0730176

View of XRP-2S



SW Security Device PKD-1

SW security device is a piece of hardware enabling the use of the service software when connected to the parallel (LPT) port of the PC. Without the dongle present it is not possible to use the service software. Printer or any such device can be connected to the PC through the dongle if needed.

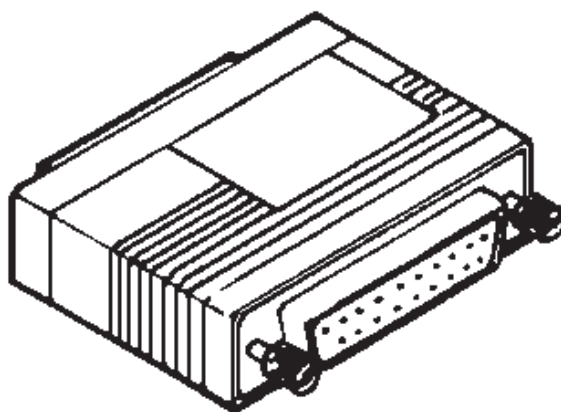
Caution: Make sure that you have switched off the PC and the printer before making connections!

Caution: Do not connected the PKD-1 to the serial port. You may damage your PKD-1!

Product Code

SW Security Device PKD-1: 0750018

View of SW Security Device



G0750018

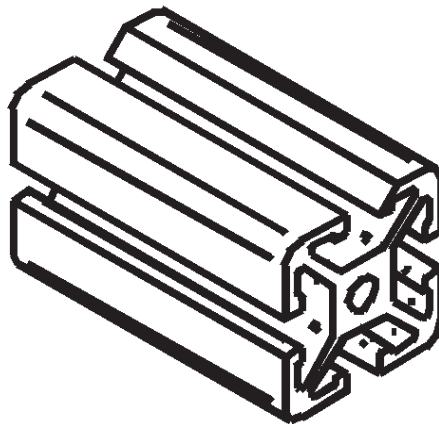
Opening Tool SRT-2

Opening tool SRT-2 is used to remove metal covers without damaging them. If the RPM-1 is opened using a screwdriver or some other sharp tool covers will be likely to be damaged and they can not be reused.

Product Code

Opening tool SRT-2:	0770209
---------------------	---------

View of SRT-2



Standard Test Lead, Red and Black

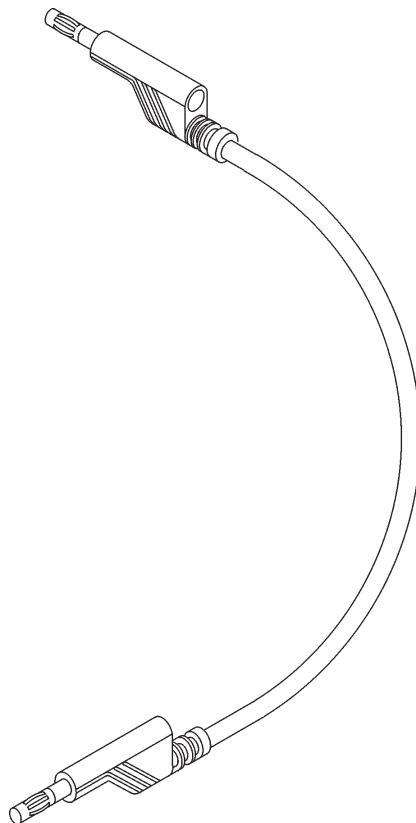
Stackable standard test leads are used to connect JBS-23 to FLA-7. One black and one red lead is needed.

Product Code

There is no product code for standard test leads. 500 mm long standard leads with can be ordered in Europe for example from Farnell.

Farnell order code for 500 mm stackable test lead with 4 mm plugs is 523-719 for the red lead and 523-720 for the black lead.

View of Standard Test Lead



This page intentionally left blank.