



Service cord

Model: **AK-SC-41**



Product code	AK-SC-41
Product type	Service cord
Responsible Entity	Akyga Europe Sp. z o.o., 52-200 Suchy Dwór, Wrocławska 1c, Polska/Poland, contact@akyga.com
Output voltage	max. 30 V
Output amperage	max. 6 A
Output connector	5.5 x 3.0 mm + pin
Maximum power	90 W
Cable length	1.2 m
Material	PVC
Product color	Black
Package	UniBag
Product size (L x W x H)	140 x 90 x 25 mm
Package size (L x W x H)	180 x 130 x 26 mm
Net weight	50 g
Gross weight	55.9 g
RoHS compatibility	Yes
REACH compatibility	Yes
EAN code	5906708751273
Warranty	24 months



Description

Professional solution for computer service centres for replacing damaged power supply cables

The **Akyga® AK-SC-41 service cable** is a practical solution for computer repair shops and those who repair laptop power supplies. It allows you to replace a faulty DC cable without having to buy a new charger. It is ideal when the power supply unit is working correctly but the cable is frayed, snapped, chewed through or has damaged insulation.

The AK-SC-41 model is fitted with a **5.5 x 3.0 mm pin connector**. This means it can be used with selected Samsung, ASUS and Acer laptops, as well as other devices requiring this connector standard. Before installation, it is worth ensuring that the DC plug is the same size as the socket in the laptop.

Effective laptop power supply repair

Laptop chargers often work correctly despite a damaged cable. In many cases, the issue is not with the electronics, but with the cable between the power supply and the laptop. Such cables may have damage visible to the naked eye: cracked insulation, abrasions, breaks near the plug or broken wires.

In this situation, the cable itself can be replaced instead of buying a new power supply. This solution reduces repair costs, minimises electronic waste and restores the charger's functionality in an aesthetically pleasing way. Dedicated DC power cables, such as the Akyga® AK-SC-41, are a better choice than generic cables, as they feature appropriately selected conductor material, flexible insulation, the correct conductor cross-section and pre-terminated ends ready for installation.

What makes the AK-SC-41 laptop repair cable stand out?

Akyga® service products are designed with specific applications in mind. The AK-SC-41 is not a universal replacement, but a cable designed to repair a power supply unit with a specific plug type. This is very important, as incorrectly chosen cables can cause a loose connection, intermittent charging, the connector overheating, or problems with the laptop's power supply.

The cable supports power up to 90 W, voltage up to 30 V and current up to 6 A. The typical supply voltage for laptops is 19 V, which is why the AK-SC-41 model provides sufficient headroom for many compatible devices.

An additional advantage of the cable is the ferrite filter fitted to it. Its purpose is to reduce electromagnetic interference that may occur during power supply operation. As a result, the cable provides better protection against unwanted signal interference.

Cables prepared for soldering

On the power supply side, the Akyga® AK-SC-41 cable has specially prepared ends for soldering. This is important in service repairs, as soldering the cable conductors makes it possible to achieve a durable and secure connection. It is a much more stable solution than twisting the conductors together or using temporary joining methods.

Convenient length and practical storage

The cable is 1.2 m long, which provides comfortable use with a laptop while limiting excess cable on the desk. Laptop power cables come in different lengths, but for a repair cable, 1.2 m is a practical compromise between comfort of use and keeping the workspace tidy.

A hook-and-loop strap is included in the set, making it easier to coil and store the cable. This helps prevent the cables from tangling and makes them less prone to accidental damage during transport or power supply storage.