15m Single Outdoor Extension Lead

90109PI User Guide

Warning:

- Do not exceed maximum allowable load
- Max. fully-wound: 960W/240V

- Max. fully-extended: 3120W/240V

If in any doubt check the load/Wattage shown on the rating label of the appliance/ tool you are about to connect to the lead

Important Advice:

- Fully unwind the extension lead before use.
- Take care not to damage the extension lead or fittings. If damaged do not use.
- Do not attempt to adjust or disassemble the lead or plug.
- Do not use in damp or wet conditions.

General Safety

This extension lead is intended for domestic use only. It is not intended for outdoor use or in commercial/industrial environments.

It is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the use of the lead by a person responsible for their safety.

If the lead is damaged in any way or malfunctions do not use. Consult a qualified electrician.

Do not handle the plug with wet hands.

Plug the extension lead into a 13 Amp socket with a 240V~50/60Hz power supply only.

When unplugging the lead hold the plug, Do not unplug by pulling on the cable.

Keep the cable away from heated surfaces.

Never connect a multi socket adaptor or another extension lead to any of the sockets of your extension lead.

Check Your Appliance Ratings

All mains (UK 240V) cables are rated to a maximum amperage/wattage that they can carry when fully unwound. This rating is reduced when the cable is not full unwound. If the cable is still wound on the cable lead it acts as an electrical coil, inductive forces increase the resistance of the coiled wire reducing its safe load capacity.

Your cable lead is marked with max wound (depending on the length of the cable) and max unwound load capacity (typically 3120W fully unwound for a 13A lead). Fully wound this might only be 960W (4A). Do not exceed these capacities as it will result in the cable overheating and can cause malfunction and fire.

In order to avoid overloading your extension lead you should understand the loads of the appliances that you are connecting to your mains lead. All appliances large and small must be marked with a rating label that displays the appropriate voltage and the load they present in A (amps) mA (miliamps) and often also displayed in Watts.

See overleaf a guide to appliance ratings.

To convert mA to A simply divide by 1000.

To convert Watts to Amps, divide Watts by the voltage applied to the appliance.

For mains powered items voltage will always be 240V in the UK (sometimes stated as 230V (plus or minus 10%). For products that use mains adapters, use the output voltage and amperage of the item being powered. Don't be fooled into thinking these types of loads are always small. A modern phone charger is typically 2A and laptop charger/power supply is usually at least 3.25A. These soon add up.

Heavy loads typically used with extension leads outdoors		
Appliance	Typical load Watts	Typical load Amps
Electric patio heater	2000W (2kW)	8.3A
Electric lawn mower	1200 – 1800W	5 – 7.5A
Pressure washer	1800 – 3000W	7.5 – 12.5A
Circular saw	1600 – 2100W	6.7 – 8.75A
SDS drill	800W	3.4A

As you can see, almost any 2 of the above appliances used together would overload a 13A extension lead even if it is fully unwound.

The same applies with indoor appliances

Heavy loads typically used with extension leads indoors		
Appliance	Typical load Watts	Typical load Amps
Toaster	2000W (2kW)	8.3A
Microwave oven	800 – 1000W	3.4 – 4.16A
Kettle	1800 – 3000W	7.5 – 12.5A
Air fryer	800 – 1000W	3.4 – 7.5A

Check the rated loads of the appliances you are connecting to your extension lead. Add up the Amps or the Watts. If the result exceeds the max value of your extension lead then don't plug it in.

Technical Support

If you experience problems fitting or using your extension lead, please visit our technical website at **www.philex.com/support**

UK Distributor:
Philex Electronic Ltd.,
Kingfisher Wharf,
London Road,
Bedford, MK42 0NX,
United Kingdom.

Made in China

EU Distributor:
Philex Electronic Ireland Ltd.,
Robwyn House,
Corrintra,
Castleblayney,
Co. Monaghan,
A75 YX76, Ireland.

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