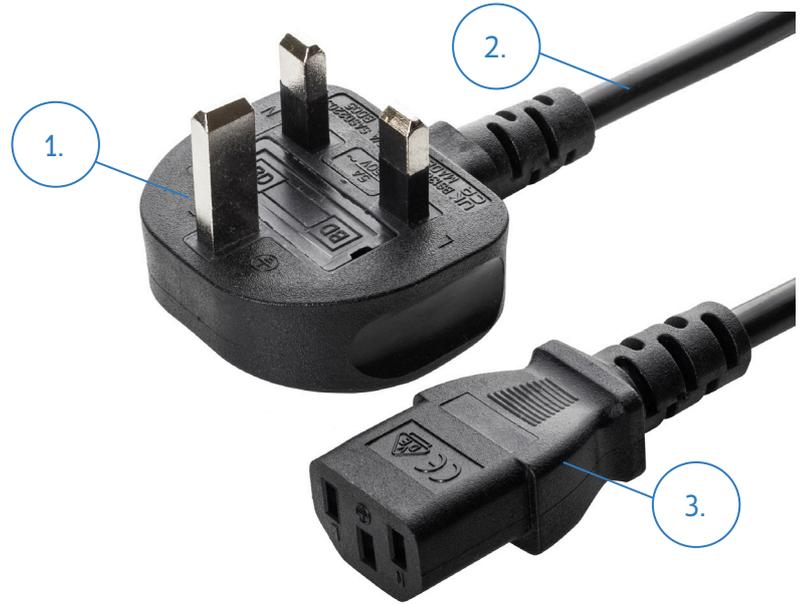


AC CABLE

It is a universal 3-core power cable designed for electronic and electrical equipment used indoors, manufactured with Class I protection. The product complies with industry standards and European directive requirements. It features high-quality craftsmanship, durability, flexibility, and the ability to operate within a wide temperature range. Available in multiple versions, allowing for an optimal solution in any situation.



TECHNICAL CHARACTERISTICS

Group	Parameter	Value
Purpose and functionality	Type	Power cable for electrical and electronic devices
	Model	BDKB - UK - P3 - xxM
	Shape	Round
	Safety	Class I insulation (with grounding)
	Color	Black
	Length	1.2 m 1.5 m 1.8 m 3 m 5 m
	Mounting	Potting assembly
Design	Number of wires	3
	Wire colors	Brown, blue, yellow-green
	Conductor cross-section	0.75 mm ²
	Conductor construction	0.75 mm ² = 24×0.2 mm
	Wire material	Class 5 copper
	Resistance	26 Ω/km
	Insulation thickness (inner/outer)	0.6/0.8 mm
	Outer diameter of the cable	6.5 mm
	Wire insulation material	PVC (polyvinyl chloride)
	Cable insulation material	PVC (polyvinyl chloride)
	Type	H05VV-F
Cable voltage withstand (Uo/U)	300 / 500V	
Load capacity	Rated voltage	250 VAC / 50 Hz
	Rated current	10 A
	Insulation test voltage	2000 VAC
	Temperature range	-25 to +70°C
Input connection	Power plug type	Straight
	Mains plug	BS 1363 P3
	Standard	UK
	Plug contacts	Nickel-plated
Output connection	Device plug	Straight
	Type	C13
	Plug color	Black
Certification	Compliance with standards	IEC60227 Cable Mains plug IEC60884-1 Device plug IEC60320-3
	Approval marks	CE, UKCA, RoHS, REACH
Features	Warranty	5 years
	Packing	50 items

1. MAINS PLUG
The (UK) BS 1363 P3 mains plug is a mains connector designed for use in Great Britain and countries using the BS 1363 standard. It is compatible with type G sockets, commonly used in this region. The plug has three pins: phase, neutral and earth and is used with a three-core cable. It is designed for devices requiring earthing made in protection class I. The nickel-plated pins guarantee reliable electrical contact and environmental protection. The cable is fixed by the method of hot melt plastic, which ensures mechanical and environmental durability and a high level of safety.

2. CABLE
A 3-wire cable with flexible insulation made of polyvinyl chloride (PVC) ensures safety and ease of use. Each conductor within the cable is additionally insulated, and the cores are made of multi-stranded copper wire, providing high flexibility. The cable meets the requirements of the IEC60227 standard and is manufactured in black. The outer insulation sheath is resistant to mechanical impact and multiple bending cycles. Detailed technical data, conductor diameters, insulation thicknesses, and copper core parameters are provided in the table.

3. DEVICE PLUG
C13 (P3) plug is a standardized IEC connector (IEC 60320 C13) and is widely used in medium and high-power electronic devices. It is used in desktop computers, servers, UPS power supplies, desktop power supplies, printers, monitors and RTV/AGD devices. It provides a 3-wire connection (with power earth), intended for devices in protection class I, i.e. requiring grounding. Its design prevents incorrect insertion into the socket, ensuring safety and protection against incorrect inserting.

MARKING SYSTEM

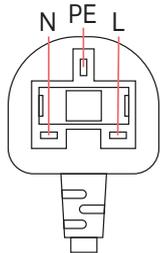
BDKAB - UK - P3 - 1.2 M

Manufacturer's code ■
 Mains plug BS 1363 P3 ■
 Device plug IEC C13 ■
 Length ■

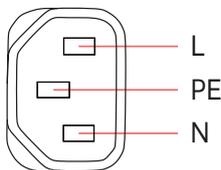
VARIANTS

Mains plug BS 1363 P3	Length	Conductor cross-section	Device plug C13
		 0.75 mm ²	
	1.2 m		
	1.5 m		
	1.8 m		
	3 m		
5 m			

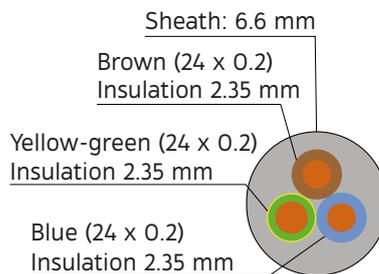
MECHANICAL SPECIFICATION



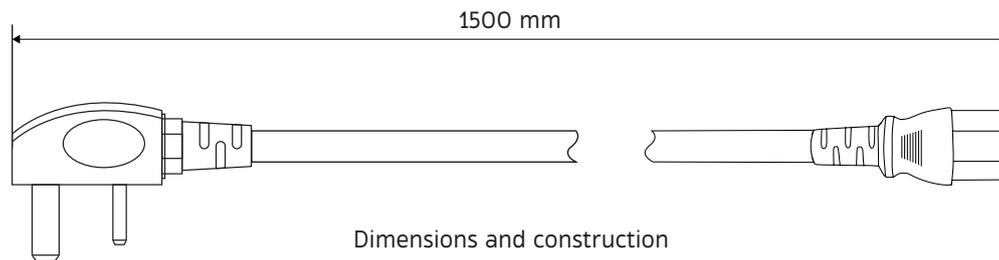
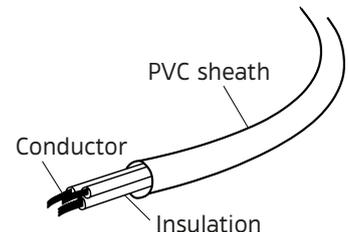
Wiring layout of the power plug



Wiring layout of the device plug



Internal construction



Dimensions and construction

TYPES OF ELECTRICAL OUTLETS USED AROUND THE WORLD



Type E plugs are used in Belgium, France, Poland, Slovakia, the Czech Republic, Tunisia, and Morocco. The pins of the Type E plug are 19 mm long and are spaced 19 mm apart.

Type F plugs are used in the Netherlands, Germany, Austria, Sweden, Norway, Finland, Portugal, Spain, Turkey, and Eastern Europe. They are also found in some countries in Africa, Asia, and South America.

The most commonly encountered outlet in Europe is the Type F socket, also known as Schuko (from the German "Schutzkontakt"). This variant is similar to Type C but has two metal contacts on the top and bottom to provide contact with the ground. This is also referred to as protective grounding. This plug is round, with bulges on the left and right sides.

AVAILABLE MODELS

Model	Name	Length [m]	EAN
BDKAB-UK-P3-1.2M	Power cable 1.2m BS 1363 P3 (UK) [13A] - IEC C13 [10A]; H05VV-F 3×0.75mm ²	1.2	
BDKAB-UK-P3-1.5M	Power cable 1.5m BS 1363 P3 (UK) [13A] - IEC C13 [10A]; H05VV-F 3×0,75mm ²	1.5	5904139603123
BDKAB-UK-P3-1.8M	Power cable 1.8m BS 1363 P3 (UK) [13A] - IEC C13 [10A]; H05VV-F 3×0.75mm ²	1.8	5904139603130
BDKAB-UK-P3-3.0M	Power cable 3.0m BS 1363 P3 (UK) [13A] - IEC C13 [10A]; H05VV-F 3×0.75mm ²	3.0	
BDKAB-UK-P3-5.0M	Power cable 5.0m BS 1363 P3 (UK) [13A] - IEC C13 [10A]; H05VV-F 3×0.75mm ²	5.0	

