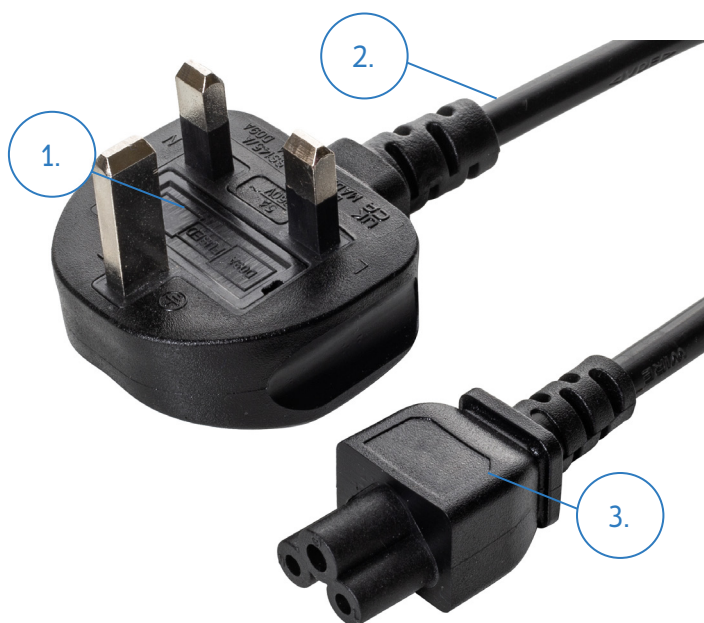


AC CABLE

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 - M3 - 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				
Load capacity	Cable voltage withstand (Uo/U)	300 / 500 V				
	Rated voltage	250 VAC / 50 Hz				
	Rated current	2.5 A				
	Insulation test voltage	2000 VAC				
Input connection	Temperature range	-25 to +70°C				
	Power plug type	Straight				
	Mains plug	BS 1363 P3				
	Standard	UK				
Output connection	Plug contacts	Nickel-plated				
	Plug color	Black				
	Device plug	Straight				
	Type	C5				
Certification	Plug color	Black				
	Compliance with standards	IEC60227 Cable Mains plug IEC60884-1 Device plug IEC60320-3				
Features	Approval marks	CE, RoHS, REACH				
	Warranty	5 years				
	Packing	50 items				

MAINS PLUG

1. 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.

CABLE

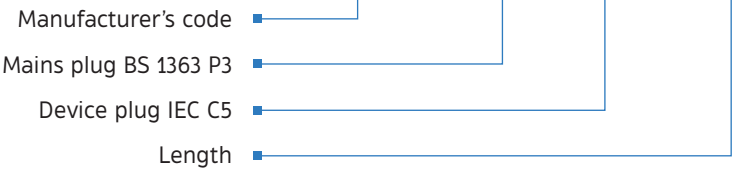
2. A 3-wire cable with flexible insulation made of polyvinyl chloride (PVC) ensures safety and ease of use. Each conductor within the cable is additionally insulated, and the cores are made of multi-stranded copper wire, providing high flexibility. The cable meets the requirements of the IEC60227 standard 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.

DEVICE PLUG





3. C5 (M3) Plug is standardized by IEC (IEC 60320 C5) and widely used in electronic equipment with lower power requirements. It is used in portable power supplies, laptops, projectors, portable speakers, DVD players and RTV and household appliances. The C5 plug performs a 3-wire connection (with grounding), intended for devices in protection class I, i.e. requiring PE. Its design, with three round pins, prevents incorrect insertion into the socket, which ensures safety of use.

MARKING SYSTEM

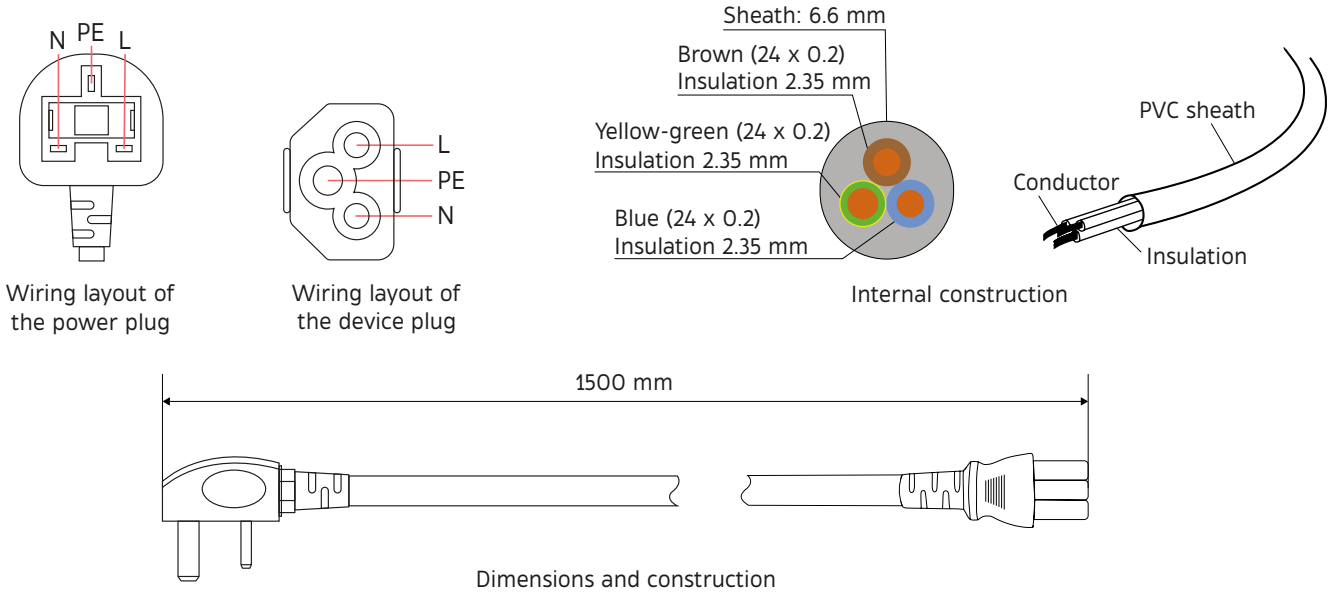
BDKAB - UK - M3 - 1.2 M



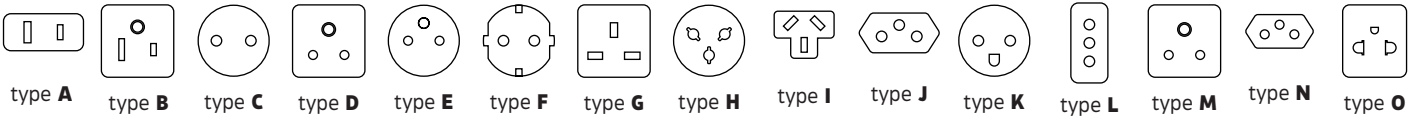
VARIANTS

Mains plug BS1363 P3	Length	Conductor cross-section	Device plug IEC C5
		 0.75 mm²	
	1.2 m		
	1.5 m		
	1.8 m		
	3 m		
	5 m		

MECHANICAL SPECIFICATION



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-M3-1.2M	Power cable 1.2m BS 1363 P3 (UK) [13A] - IEC C5 [2.5A]; H05VV-F 3×0.75mm ²	1.2	
BDKAB-UK-M3-1.5M	Power cable 1.5m BS 1363 P3 (UK) [13A] - IEC C5 [2.5A]; H05VV-F 3×0.75mm ²	1.5	5904139603048
BDKAB-UK-M3-1.8M	Power cable 1.8m BS 1363 P3 (UK) [13A] - IEC C5 [2.5A]; H05VV-F 3×0.75mm ²	1.8	5904139603055
BDKAB-UK-M3-3.0M	Power cable 3.0m BS 1363 P3 (UK) [13A] - IEC C5 [2.5A]; H05VV-F 3×0.75mm ²	3.0	
BDKAB-UK-M3-5.0M	Power cable 5.0m BS 1363 P3 (UK) [13A] - IEC C5 [2.5A]; H05VV-F 3×0.75mm ²	5.0	

