Duraplug® Technical

Plugs and Adaptors

Standards and approvals

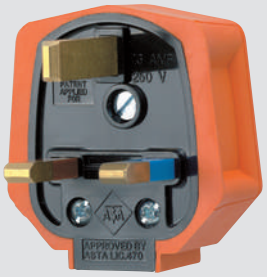
All 13 Amp Duraplug® rubber plugs conform to BS 1363/A Part 1:1995. The plugs are third party approved and licensed by ASTA.

Round pin plugs comply with BS 546:1950.

TECHNICAL SPECIFICATION

TERMINAL/CABLE SIZE

LIST NO.	MAXIMUM CABLE SIZE	
	OUTER DIAMETER OF CABLE (MM)	CONDUCTOR C.S.A. (MM²)
PF133	11.0	1.5
P53	9.4	0.75
P153	11.0	1.5







Description

13 Amp plugs

All Duraplug® 13 Amp plugs are supplied with 13 Amp fuses, and can be used on ring and radial circuits; however, alternative fuse ratings are available on special order.

Round pin plugs

Available unfused at 5 and 15 amp.

For a full range of corresponding products, see pages 236-239 in the product selector.

Lead Connectors, Extension Leads, Portable Sockets and Cable Couplers

Standards and approvals

2 pin Duraplug® lead connectors comply with BS 5733:2010.

3 pin Duraplug® lead connectors comply with BS 5733:2010.

All 13A Duraplug® trailing socket outlets comply with BS 1363/A Part 2:1995.

15A Round pin Duraplug® trailing socket outlets comply with BS 5733:2010 and BS 546 for plug pin aperture and engagement face dimensions.

All 13A Duraplug® portable socket outlets comply with BS 1363/A Part 2:1995.

Cable Couplers comply with BS 5733:2010. (BS 1363 pin centres for 13A, BS 546 pin centres for 5A and 15A).

Replacement fuses where fitted are to BS 1362.

Cables to BS EN 50525-2-11 (H05VV-F).

TECHNICAL SPECIFICATION

ELECTRICAL

VOLTAGE RATING
250V a.c.

CURRENT RATING
As 'Product range' table

TERMINAL CAPACITIES
Lead connector – 1.0mm² conductor
Trailing/Portable socket – 1.5mm² conductor

MAX. CABLE CAPACITY
Lead connector – LCP102: 2-core insulated cable with 1.0mm² conductors, LCP103: 3-core insulated cable with 1.0mm² conductors. 11mm overall diameter
Trailing/Portable sockets – 3-core insulated cable with 1.5mm² conductors, 11mm overall diameter

PHYSICAL

AMBIENT OPERATING TEMPERATURE
–5°C to +40°C

MAX. INSTALLATION ALTITUDE
2000 metres

Installation

Duraplug® products should not be allowed to lie in excessively damp areas, e.g. wet grass, puddles etc. Care must be taken to avoid contact with petroleum spirits.

For added safety trailing sockets should be used in conjunction with a residual current device (RCD).



Description

A range of tough, rewirable lead connectors for use with extension leads for domestic, garden and light workshop applications. Two pin lead connectors are only for use with double insulated class 2 appliances. Three pin lead connectors must be used with earthed appliances.

Filtered socket only

Protects electronic equipment by filtering mains borne interference such as Voltage spikes. This product complies with the LV (72/23/EEC) directive.

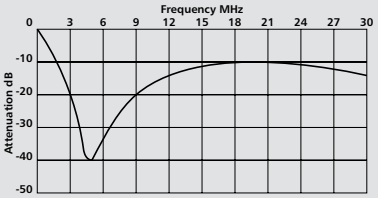
Filtered Response Characteristics

Mains filter rated at 250v RMS and 0.15µF

Varistar (Transient Voltage Suppressor) has a more constant voltage 275v ac

Clamping voltage @ 40A: 665v

Milliwatt constant: 800



FEATURES

Lead connectors

- Manufactured with a thermoplastic elastomer cover and polypropylene inserts
- Integral cable grips
- Retaining lugs to prevent accidental disconnection

Trailing sockets

- Manufactured from tough ABS/ Polycarbonate with rubber cover. FC153 is all-rubber construction
- All internal component parts are retained in the base for ease of wiring
- Visible red nylon shutters

Portable sockets

- Manufactured from high impact resistant ABS/Polycarbonate
- Equal length wire stripping for ease of wiring
- Visible red nylon shutters
- Optional wall mounting holes

Duraplug® Technical

Extension Leads

TECHNICAL DATA GUIDE

PRODUCT CODE	SOCKET OUTLETS	CABLE LENGTH CABLE	CABLE SPECIFICATION	PLUG TYPE	PLUG FUSE RATING
EXL135WHI	13A 4-gang socket with fuse and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic. BS 1363A Part 2:1995. Colour white	2	1.25mm² <HAR> 3-core PVC insulated cable to BS EN 50525-2-11 (H05VV-F). Colour white.	Duraplug® Rubber cover type PF133. Colour white.	13
EXL135BLK	13A 4-gang socket with fuse and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic. BS 1363A Part 2:1995. Colour black	2	1.25mm² <HAR> 3-core PVC insulated cable to BS EN 50525-2-11 (H05VV-F). Colour black.	Duraplug® Rubber cover type PF133. Colour black.	13
EXL136WHI	13A 4-gang socket with switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic. BS 1363A Part 2:1995. Colour white.	2	1.25mm² <HAR> 3-core PVC insulated cable to BS EN 50525-2-11 (H05VV-F). Colour white.	Duraplug® Rubber cover type PF133. Colour white.	13
EXL136BLK	13A 4-gang socket with switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic. BS 1363A Part 2:1995. Colour black.	2	1.25mm² <HAR> 3-core PVC insulated cable to BS EN 50525-2-11 (H05VV-F). Colour black.	Duraplug® Rubber cover type PF133. Colour black.	13
EXL137WHI	13A 4-gang socket with fuse, switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic. BS 1363A Part 2:1995. Colour white.	2	1.25mm² <HAR> 3-core PVC insulated cable to BS EN 50525-2-11 (H05VV-F). Colour white.	Duraplug® Rubber cover type PF133. Colour white.	13
EXL137BLK	13A 4-gang socket with fuse, switch and neon, manufactured from high impact resistant ABS/Polycarbonate thermoplastic. BS 1363A Part 2:1995. Colour black.	2	1.25mm² <HAR> 3-core PVC insulated cable to BS EN 50525-2-11 (H05VV-F). Colour black.	Duraplug® Rubber cover type PF133. Colour black.	13