

LINECORD-IEC-LOCK IEC C13 SECURE LOCKING MAINS POWER CABLES



Industrial Power Solutions

The AMG LINECORD-IEC-LOCK mains power cables provide a secure locking IEC connection that prevents accidental disconnection including in high vibration environments. Available with a range of country specific plug connectors.



 Connector IEC C13	 Locking Connector	 LSZH Cable Type	 Temp -15~+70°C	 NDAA Compliant
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[LINECORD-IEC-LOCK Series]

/ OVERVIEW

The AMG LINECORD-IEC-LOCK mains power cables provide a secure yet simple locking IEC connection to protect devices that are vulnerable to vibration and accidental mains power disconnection and ensures that the connector cannot be accidentally pulled or vibrated out of the inlet.

Perfect for all applications, the cable does not require any modification to standard IEC inlets so will function correctly with any device that has a standard IEC C14 socket including all AMG as well as 3rd party equipment.

The internal locking mechanism grips the equipment's earth pin preventing accidental removal of the plug. The latch is released by an external sliding button. No separate release tool is required.

For high density applications where it can be difficult to reach the release button a separate de-latching tool is available which can be clipped to the cable and allows for easy removal in space restricted environments.

Available with a variety of different country specific plug types ensures maximum compatibility and use within different countries around the globe.

/ FEATURES

- Provides a highly secure universal locking mechanism for IEC mains connections preventing accidental power disconnection
- Supports all AMG mains powered equipment that feature a C14 IEC socket
- Quick connect from single terminal Class I protection
- Available with a range of country specific plug connectors to ensure maximum compatibility
- IEC C13 Locking mechanism provides >100N lock retention capability
- Supports any 3rd party equipment with a C14 IEC socket
- Compliant with all required BS/EN/UL standards
- AMG Lifetime Support Warranty

Specifications.

Electrical.

Rated Voltage	250V
Rated Current:	
UK Model	5A
EU & US Models	10A
No. Of Conductors	3
Conductor Area:	
UK & EU Models	1.00 mm ² (17 AWG)
US Model	0.82 mm ² (18 AWG)
Number Of Strands:	
UK & EU Models	32
US Model	41
Conductor Material	Bare Copper (99.97%)
Jacket Material	PVC
Insulation Material	PVC (Colour Coded)
Nominal Resistance:	
UK & EU Models	19.5 Ohm/Km
US Model	22.4 Ohm/Km

Mechanical.

Colour	Black
Cable Length	2 m / 6.56 ft
Cable Diameter:	
UK & EU Models	7.1 mm
US Model	6.73 mm
Bend Radius:	
UK & EU Models	35.5°
US Model	12.7°
Lock Retention	>100N
Weight:	
UK Model	0.26kg / 0.57lb
EU Model	0.23kg / 0.51lb
US Model	0.18kg / 0.40lb

Environmental.

Operating Temp.:	
UK & EU Models	-15 to +70°C / 5 to +158°F
US Model	-20 to +105°C / -4 to +221°F

Packaging.

Shipping Weight:	
UK Model	0.31kg / 0.68lb
EU Model	0.28kg / 0.62lb
US Model	0.23kg / 0.51lb
Dimensions	(W x D x H)
	250 × 250 × 50 mm
	9.84 × 9.84 × 1.97 in

Regulatory.

UK Model	BS 1363-1 BS 1362 DIN EN 50525-2-11 EN 50525-2-11 EN 60320-1
EU Model	DIN VDE 0620-1 DIN EN 50525-2-11 EN 50525-2-11 EN 60320-1 NF C 61-314
US Model	UL 817 / C22.2 No. 21-95 UL 62 / C22.2 No. 49 UL 498 / C22.2 No. 182.3-M1987
Environmental Supply Chain	Reach, RoHS, WEEE NDAA Compliant

Part Numbers.

LINECORD-IEC-LOCK-UK	IEC Line Cord, Locking C13 Connector, 2m/6.5ft Length, UK Plug, 5A Fuse
LINECORD-IEC-LOCK-EU	IEC Line Cord, Locking C13 Connector, 2m/6.5ft Length, EU Right Angle Schuko Plug
LINECORD-IEC-LOCK-US	IEC Line Cord, Locking C13 Connector, 2m/6.5ft Length, US NEMA 5-15P Plug

Optional Accessories.

LINECORD-IEC-LOCK-RT	Removal tool for high density environments where release button access is restricted, need to be ordered separately.
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Notes.

NB: Other plug types and cable lengths are available. Please contact the AMG sales team for more information.

In a continuing effort to improve and advance technology, product specifications are subject to change without notice. Please visit www.amgsystems.com for the latest product specifications.