# LANmark-6A Field Terminable Plug

**LANMARK-6A FIELD TERMINABLE PLUG CATEGORY 6A SCREENED**

**Aginode Ref:** N490.001

- Field installable Cat 6A plug for MPTL connections
- For solid wire cable AWG24-AWG23
- Accepts cable diameters from 6.0 to 8.5mm
- 360° shielding offering Alien Crosstalk immunity
- Easy termination without special tools
- Wiring according to colour code T568B
- Supports all Class EA applications
- Supports PoE applications



## STANDARDS

ANSI/TIA 568.2-D
EN 50173-1
IEC 60603-7-51
IEEE 802.3af (PoE)
IEEE 802.3bt (PoE++)
IEEE 802.3at (PoE+)
ISO/IEC 11801

## Application

Aginode LANmark-6A Field Terminable Plug is designed to build Modular Plug Terminated Links (MPTL) as specified in the TIA 568-2.D standard.

In conjunction with LANmark-6A infrastructure cable and the LANmark-6A Snap-In connector configured in MPT links, the plug will support all Class EA applications , including 10GBase-T and Power over Ethernet up to 100W.

MPTL are increasingly being used for direct data connections between patch panels and network devices, such as Wireless Access Points and IP Cameras, which are usually located in or near the ceiling void and often powered over the network via PoE.

## Design

The plug is fully shielded, offering excellent coupling attenuation and immunity from Alien Crosstalk and other external interferences.

The plastic snap-on boot with reinforced strain relief and closing nut has an integrated latch protector.

## Performance

The LANmark-6A Field Terminable Plug meets or exceeds the requirements for Category 6A connecting hardware as

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

described in ISO/IEC 11801, IEC 60603-7-51 and TIA 568.2-D. In conjunction with LANmark-6A cable, the plug supports MPTL configurations as specified in TIA 568.2-D.

## Installation

The wire organiser ensures easy mounting of the LANmark-6A Field Terminable Plug without the need for a special termination tool, apart from a pair of parallel jaw pliers.

Detailed installation instructions are available on-line and are supplied with every box of 24 plugs.

## Guarantees

Installations with LANmark-6A cable and connectivity including the LANmark-6A Field Terminable Plug can qualify for a 25 year full system warranty, which includes Parts, Installation, Channel Performance and Application Support, as described in the Aginode Certified System Warranty.

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*

# LANmark-6A Field Terminable Plug Category 6A Screened

## Characteristics

| | |
|---|---|
| **Construction characteristics** | |
| Connector type | RJ 45 shielded |
| **Dimensional characteristics** | |
| Length | 53.7 mm |
| **Usage characteristics** | |
| Range | LANmark-6A |
| Operating temperature, range | -20...60 °C |
| Category | Cat. 6A |
| IP Rating | IP20 |
| Mechanical durability/matings | 750 |

### Documentation

Installation instructions LM6A Field Term Plug REV02 pdf — 1.79 MB Download

*All drawings, designs, specifications, plans and particulars of weights, size and dimensions contained in the technical or commercial documentation of Aginode is indicative only and shall not be binding on Aginode or be treated as constituting a representation on the part of Aginode.*