

# DIGITUS CAT 6A, field assembly, straight, M12 plug, X-coded, IP67

DN-936M12-P  
EAN 4016032485674



## CAT 6A, field assembly plug, straight M12 plug, X-coded, IP67

Introducing our high-performance M12 CAT 6A connector plug, designed to deliver reliable and efficient data transmission in industrial Ethernet applications. Made with top-quality materials and advanced manufacturing techniques, this rugged connector plug is built to withstand harsh environmental conditions and ensure maximum uptime for your network. With its compact and versatile design, this M12 connector plug is ideal for use in space-constrained applications where traditional connectors can't fit. CAT 6A M12 connector plug supports data rates of up to 10 Gbps over distances of up to 100 meters, making it perfect for high-speed data transmission in industrial automation, robotics, and other demanding applications. It is also backward-compatible with CAT 5e and CAT 6 standards, allowing for easy integration with existing infrastructure. Our M12 CAT 6A connector plug is easy to install and maintain, and intuitive locking mechanism. It is a reliable and cost-effective solution for industrial Ethernet applications that demand high-speed data transmission, robustness, and flexibility. Order yours today and experience the benefits of top-quality connectivity.

**DIGITUS M12 CAT 6A connector underlining its suitability for 10 GBit Ethernet (IEEE 802.3an), remote powering (PoE, PoE plus and UPoE) and HDBaseT applications.**

- M12 CAT 6A connector X-coded, shielded
- Electromagnetic measurement according to MICE: E2

- 8-wire cable connection, for AWG 22
- Connection of AWG 26/1 - 22/1, AWG 26/7 - 22/7 possible
- 10Gbit Ethernet (IEEE 802.3an)
- PoE (IEEE 802.3af), PoE plus (IEEE 802.3at), UPoE and HDBaseT
- Basis IEC PAS 61076-2-109
- Conductor diameter solid copper wire 0.4 - 0.64 mm
- Conductor diameter stranded copper wire 0.48 - 0.76 mm
- Conductor diameter up to 1.6 mm
- cable sheath from 6.0 to 9.7 mm
- Industrial zinc die-cast housing
- simplest assembly - to be connected without special tools
- Electrical characteristics:
- Current carrying capacity: 0.5 A
- Rated voltage: 50 V AC / 60 V DC
- rated voltage: 50 V AC / 60 V DC
- Insulation resistance: min. 100 MOhm
- Dielectric strength conductor-conductor (primarily) [V DC]: 500 V DC
- Mechanical data:
- Mounting method: screwable
- Insertion and withdrawal force: max. 30 N
- Life - Number of mating cycles: min. 100

## Attributes

- Category: CAT 6A

Logistics						
	Number (pcs)	Weight (kg)	Depth (cm)	Width (cm)	Height (cm)	cm <sup>3</sup>
Packaging Unit Carton	100	4.50	0.00	0.00	0.00	0.00
Packaging Unit Inside	1	0.05	0.00	0.00	0.00	0.00
Packaging Unit Single	1	0.05	0.00	0.00	0.00	0.00
Net single without Packaging	0	0.00	0.00	0.00	0.00	0.00

**More images:**



**Safety notes**

- Protect product from moisture
- Avoid antistatic charging when installing the product
- Observe the specifications of the raw cable manufacturer during installation

**EU responsible person**

EU based economic operator ensuring the product complies with the required regulations.

ASSMANN Electronic GmbH  
Auf dem Schöffel 3  
Lüdenscheid, Germany  
<https://www.assmann.com>  
[info@assmann.com](mailto:info@assmann.com)