DC power connector 5.5×2.1 mm with 15cm cable

Reference: AM5005
EAN13: -
HS code: 85044090

Product attributes:

Type: Male, Females

Product features:

Color: Black
Cable length: 15 cm
Connector: 5.5x2.1 mm

Product description:

The DC power connector with attached wire is designed for quick connection and power supply of low-voltage DC devices without the need for soldering directly to the connector. The product is available in male (DC plug) and female (DC jack) versions for common 5.5×2.1 mm power interface, typically used in LED lighting and CCTV applications.

Technical specifications

- Connector type: DC power connector 5.5×2.1 mm
- Variants: male / female
- Cable length: 15 cm
- Wire cross-section: 22 AWG (0.35mm²)
- Wire construction: 17×0.14
- Conductor material: copper
- Insulation: PVC
- Color: black
- Nominal values (according to documents): 300 V / 3 A
- Temperature resistance (according to documents): 80 °C

Functions and features

- Standard DC size 5.5×2.1 mm for compatibility with common power adapters and devices
- Pre-assembled cable for easy connection to terminal blocks, distribution boards or custom assemblies
- Tinned copper conductor for stable electrical contact and good solderability of the conductor ends
- PVC insulation for mechanical protection of conductors in normal installation conditions

Ideal for

- Power supply for LED strips and LED modules
- CCTV cameras and accessories with DC power supply
- Service replacement of damaged DC connectors on the cable
- Prototyping and rapid interconnection of low-voltage DC devices

Package contents

- 1× DC connector with cable (variant of choice: male or female), length 15 cm

Why choose this product?

- Clearly defined 5.5×2.1 mm dimension for common DC power applications
- Practical design with cable for quick integration into the installation
- Specified wire 22 AWG and wire material (tinned copper) according to the documents

Installation and operating instructions

- Before connecting, verify that the connector size (5.5×2.1 mm) matches the counterpart of the device/source.
- Verify power polarity and wire connections according to your application requirements
- We recommend terminating the ends of the wires with a suitable ferrule or soldering them depending on the type of connection.
- Provide cable strain relief to prevent stress on the connection

Safety notice

- The product is intended for DC power applications; always verify voltage and current compatibility with the connected device before use.
- Incorrect polarity or overloading may result in damage to the device or wiring.
- Perform installation with the power disconnected.