

DC power cable**Angled plug 2.5/5.5 – tinned ends****2×0.52 mm² AWG20 | KW252-000-213-xxxx**

High-quality low-voltage power cable with a DC Jack connector designed for installation in OEM devices, for repair or service purposes, home automation systems, and consumer electronics. The plastics used ensure durability and flexibility over a wide operating temperature range, while the copper conductors ensure low voltage drop and good electrical contact. Available in a variety of versions, allowing to choose the optimal solution for every application.

**CABLE DESIGN**

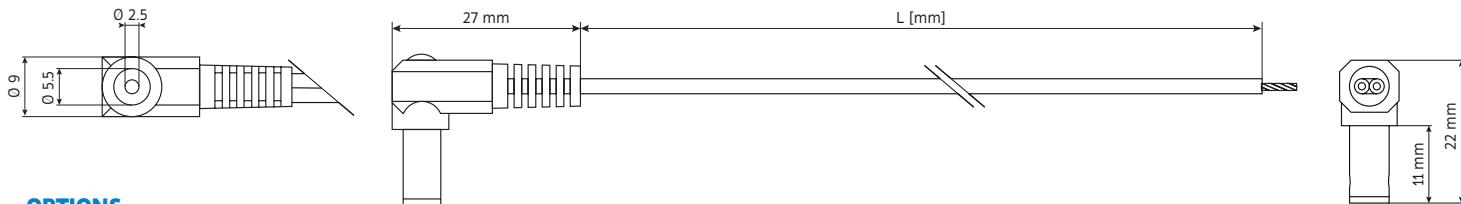
The cable is manufactured using hot-melt plastic potting, which guarantees mechanical durability and environmental protection. The class 5 stranded copper wire has bare ends and tin-plated terminals for easy installation. The wire connected to the socket center pin is marked with a colored stripe.

CONSTRUCTION

Nickel-plated brass DC Jack plug, hot-moulded with PVC. The flat cable is PVC-insulated, two-conductor with a copper strand. The wire connected to the plug center pin is marked with a stripe. The cable end is stripped and tinned with lead-free SnCu07 solder.

TECHNICAL SPECIFICATION

| Group | Parameter | Value | | | | Notes |
|------------|------------------------------|---|-------|-------|-------|---|
| Product | Cable type | DC power cable, angled plug 2.5/5.5 – tinned ends, 2×0.52 mm ² AWG20 | | | | |
| | Version | Cable-plug | | | | Hot-molded plastic |
| | Model | KW252-000-213 | | | | |
| | Type | Flat | | | | Plus wire marked by color |
| | Intended use | DC power supply | | | | Indoor use |
| | Cable length | 0.25 m | 1.5 m | 3.0 m | 5.0 m | See the „L“ parameter in the figure below |
| | Plug color | Black | | | | |
| | Wire color | Black | | | | |
| | Ambient temperature range | -25 to +70°C | | | | |
| | Certification | CE, RoHS, REACH | | | | |
| | Warranty | 5 years | | | | |
| | Packaging | 100 pcs | | | | |
| | Country of manufacturing | Poland | | | | |
| Left side | Type | Angled plug 2.5/5.5 mm DC Jack | | | | Nickel-plated |
| | Wire connection | Soldered with lead-free SnCu07 | | | | |
| Right side | Design | 5 mm stripped and tinned terminals | | | | |
| | Installation | Wire marked with a stripe connected to the plug pin | | | | |
| Wire | Number of wires in the cable | 2 | | | | Flat cable, construction as shown |
| | Wire cross-section | UL2468 AWG 20 | | | | 0.52 mm ² |
| | Wire structure | 30×0.18 mm ² or 24×0.20 mm ² | | | | |
| | Wire material | Stranded copper wire | | | | Class 5 copper |
| | Wire resistance | 20 mΩ/m | | | | |
| | Outer cable dimensions | 3.5×2 mm | | | | ±0.5 mm |
| | Cable insulation material | PVC (polyvinyl chloride) | | | | |
| | Maximum operating voltage | 60 V | | | | |
| | Maximum rated current | 3 A | | | | |

TECHNICAL DRAWING**OPTIONS**

| Left side | Cable length | Cable type | Right side | Product index | EAN code |
|---------------------|--------------|---|-------------|--------------------|---------------|
| Angled plug 2.5/5.5 | 0.25 m | DC power cable, AWG20, 2×0.52 mm ² | Tinned ends | KW252-000-213-0025 | 5904139614778 |
| | 1.5 m | | | KW252-000-213-0150 | 5904139614785 |
| | 3.0 m | | | KW252-000-213-0300 | 5904139614914 |
| | 5.0 m | | | KW252-000-213-0500 | 5904139614921 |