

DC power cable

Straight plug 2.1/5.5 – tinned ends | round cable Ø4 mm, 2×0.52 mm² AWG20 | KW211-000-313-xxxx

High-quality low-voltage power cable with a DC Jack connector designed for OEM devices, for maintenance 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.

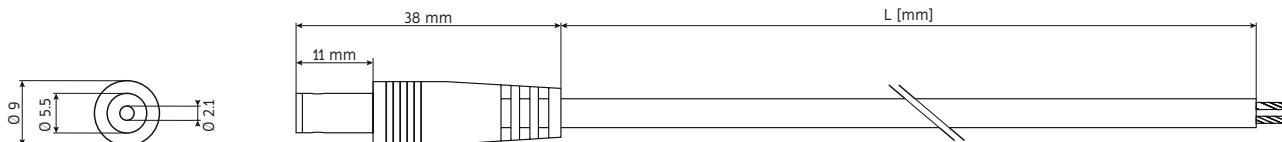
CONSTRUCTION

Nickel-plated brass DC Jack plug, hot-moulded with PVC. The round cable is PVC-insulated, two-conductor with a copper strand. The cable end is stripped and tinned with lead-free SnCu07 solder.

TECHNICAL SPECIFICATION

Group	Parameter	Value	Notes
Product	Cable type	DC power cable, straight plug 2.1/5.5 – tinned ends, round cable Ø4 mm 2×0.52 mm ² AWG 20	
	Version	Cable-plug	Hot-molded plastic
	Model	KW211-000-313	
	Type	Round	
	Intended use	DC power supply	Indoor use
	Cable length	0.25 m, 0.5 m, 1.0 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	Straight plug 2.1/5.5 mm DC Jack	Nickel-plated
	Wire connection	Soldered with lead-free SnCu07	
Right side	Design	5 mm stripped and tinned terminals	
	Marking	Red wire connected to the plug center pin	
Wire	Number of wires in the cable	2	Round cable, construction as shown in the figure
	Wire cross-section	UL2464 AWG 20	0.52 mm ²
	Wire structure	16 × 0.20 mm ²	
	Wire material	Stranded copper wire	Class 5 copper
	Wire resistance	20 mΩ/m	
	Outer cable dimensions	Ø4 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
Straight plug 2.1/5.5	0.25 m	DC power round cable Ø4 mm 2×0.52 mm ² AWG 20	Tinned ends	KW211-000-313-0025	5904139615379
	0.5 m			KW211-000-313-0050	5904139615386
	1.0 m			KW211-000-313-0100	5904139615393
	1.5 m			KW211-000-313-0150	5904139615409
	3.0 m			KW211-000-313-0300	5904139615416
	5.0 m			KW211-000-313-0500	5904139615423