

# RP2C

Mono 1/4" plug



## Article Variations

Article Name	Details	Packaging
RP2C	Nickel plated housing, nickel plated contacts	Plastic Packaging
RP2C-D	Nickel plated housing, nickel plated contacts	BULK
RP2C-B	Black plated housing, gold plated contacts	Plastic Packaging
RP2C-B-D	Black plated housing, gold plated contacts	BULK
RP2C-BAG	Black plated housing, nickel plated contacts	Plastic Packaging
RP2C-BAG-D	Black plated housing, nickel plated contacts	BULK

## Technical information

### Product

<b>Title</b>	RP2C
<b>Connection Type</b>	Plug

### Electrical

<b>Contact rated current</b>	depends on mating connector mΩ
<b>Contact resistance</b>	depends on mating connector mΩ
<b>Dielectric strength</b>	1 kV dc
<b>Insulation resistance</b>	> 1.5 GΩ

### Mechanical

<b>Lifetime</b>	> 1000 mating cycles
<b>Cable O.D.</b>	4 - 7 mm
<b>Wiring</b>	Solder contacts
<b>Wiresize (max.)</b>	1.0 mm <sup>2</sup> / 18 AWG

### Material

<b>Boot</b>	PA6+30% GF
<b>Contact</b>	Brass ( CuZn39Pb3)
<b>Contact plating</b>	Nickel / Au
<b>Shell</b>	Zinc alloy
<b>Shell plating</b>	Nickel / Black
<b>Strain relief</b>	POM

### Environmental

<b>Temperature range</b>	-20 °C to +70 °C
<b>Flammability</b>	UL 94 HB
<b>Solderability</b>	complies with IEC68-2-20