

## FEATURES

- Kynar sheath insulation
- Silver plated copper
- Temperature range: -20°C to 130°C
- Resists run back when soldering
- Supplied on a 50m reel

## RS PRO Black, 0.05 mm<sup>2</sup> Equipment Wire, 50m

RS Stock No.: 209-4849



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

Brought to you by RS PRO, a range of equipment wire suitable for internal electronic wiring within circuit boards and devices. Supplied with a Kynar insulation, this hookup wire is an excellent addition for your application. All models are highly reliable and excellent quality.

## General Specifications

<b>Type</b>	Equipment Wire
<b>Conductor Material</b>	Silver Plated Copper
<b>Sheath Colour</b>	Black
<b>Insulation Material</b>	Kynar
<b>Wire Style</b>	UL Style 1423
<b>Plating material</b>	Minimum 40 microns pr ASTM-B-298
<b>Number of Strands</b>	1
<b>Cable Shape</b>	Single core
<b>Application</b>	Circuit boards, Computer Internals, Vehicle lights, Mobile phones and other battery operated devices

## Electrical Specifications

<b>American Wire Gauge</b>	30AWG
<b>Core Strands</b>	1/0.25 mm
<b>Voltage Rating</b>	300V
<b>Cable Type</b>	Solid
<b>Conductor Elongation</b>	20% before insulation
<b>Conductor Resistance</b>	106.0Ohms/1000ft @ 20degC
<b>Spark Test</b>	2000VAC RMS

## Mechanical Specifications

<b>Cross Sectional Area</b>	0.05mm <sup>2</sup>
<b>Outer Diameter</b>	0.5m
<b>Length</b>	50m
<b>Insulation Wall Thickness</b>	0.5m
<b>Conductor diameter (mm)</b>	0.25m
<b>Weight</b>	0.47lbs/1000ft

## Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-20°C
<b>Maximum Operating Temperature</b>	130°C
<b>Operating Temperature Range</b>	-20°C to 130°C

## Approvals

<b>Compliance/Certifications</b>	UL Style 1423
<b>Standards Met</b>	RoHS Compliant

