

## FEATURES

- Tinned Copper
- Silicone rubber insulation
- Various wire sizes
- 0.8 mm wall thickness

# RS PRO Harsh Environment Wire 1 mm<sup>2</sup> CSA, Black 100m Reel

RS Stock No.: 265-3022



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, Tinned copper conductors covered with 0.8 mm wall thickness silicone rubber to BS 6195 table 4. These cables will satisfy a wide number of applications related to medical, electronic or electrical equipment which may be operated in environmental conditions. Perfect in situations where ozone, corona discharge, radiation, heat, weathering or the normally adverse effects of a wide range of oils, solvents, etc. may be encountered. All models are highly reliable and excellent quality.

## General Specifications

<b>Wire Style</b>	BS6195
<b>American Wire Gauge</b>	11
<b>Insulation Material</b>	Silicon Rubber
<b>Resistant To</b>	Corona Discharge, Heat, Oils, Ozone, Radiation, Solvents, Weathering
<b>Core Strands</b>	32/0.2 mm
<b>Cable Shape</b>	Single Core
<b>Conductor Material</b>	Tinned Copper
<b>Number of Strands</b>	32
<b>Applications</b>	Construction sites, Car engines, Aeroplanes, Petrol stations

## Electrical Specifications

<b>Voltage Rating</b>	500V
<b>Current Rating</b>	10A

## Mechanical Specifications

<b>Cross Sectional Area</b>	1mm <sup>2</sup>
<b>Sheath Colour</b>	Black
<b>Length</b>	100m
<b>Outer Diameter</b>	2.5mm
<b>Insulation Wall Thickness</b>	0.8mm
<b>Size of Strands</b>	0.2mm
<b>Stranding</b>	32/0.2mm

## Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-60°C
<b>Maximum Operating Temperature</b>	180°C
<b>Operating Temperature Range</b>	-60°C to 180°C

## Approvals

<b>Compliance/Certifications</b>	CSA, RoHS Certificate Of Compliance
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