

# RS PRO Single Core Wire

## PVC insulated, 1mm<sup>2</sup>

<b>Description:</b>	<b>Single Core x 1 mm<sup>2</sup> (Class 5 TCW), PVC Insulated, 1500V, Type 3 Equipment Wire to Defence Standard 61-12 Part 6.</b>
<b>Conductor:</b>	<b>32/0.192mm(tolerance <math>\pm 0.03</math>mm) Tinned Annealed Copper (Class 5 to IEC 60228)</b>
<b>Insulation:</b>	<b>General Purpose PVC (Type T13 to BS EN 50363)</b>
<b>Insulation Radial Thickness:</b>	<b>0.60mm (Nominal)</b>
<b>Diameter Over Insulation:</b>	<b>Lower Limit: 2.40mm Upper Limit: 2.65mm</b>
<b>Voltage Rating:</b>	<b>1500V Maximum Working Voltage a.c. (rms)</b>
<b>Temperature Range:</b>	<b>-20 to +85°C</b>
<b>Conductor Resistance:</b>	<b>19.1 <math>\Omega</math>/km @ 20°C (Maximum)</b>
<b>Standard:</b>	<b>Defence Standard 61-12 Part 6</b>

Note 1: The upper temperature limits refer to maximum continuous temperature of the conductor due to the combination of ambient temperature and temperature rise due to current flow. The lower value may be subjected to slight flexing during normal operating life. Note 2: The current carrying capacities are for wires carrying a continuous current in free air at an ambient temperature. Current carrying capacities will depend on circumstances but for general guidance the quoted current values will give a temperature rise of about 15°C in ambient temperatures up to 70°C for single, freely ventilated, insulated wires. Different values will apply when equipment wires are bunched.



Registered No 352908 England

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## Technical Specifications:

Stock No.	Color	Type	Length	Image
1964333	BLACK	PVC EQUIPMENT WIRE	100M	
1964334	BLUE	PVC EQUIPMENT WIRE	100M	
1964335	BROWN	PVC EQUIPMENT WIRE	100M	
1964336	GREEN	PVC EQUIPMENT WIRE	100M	
1964338	GREY	PVC EQUIPMENT WIRE	100M	
1964339	ORANGE	PVC EQUIPMENT WIRE	100M	
1964340	PINK	PVC EQUIPMENT WIRE	100M	
1964341	RED	PVC EQUIPMENT WIRE	100M	
1964342	VIOLET	PVC EQUIPMENT WIRE	100M	
1964344	WHITE	PVC EQUIPMENT WIRE	100M	
1964345	YELLOW	PVC EQUIPMENT WIRE	100M	

## Technical Specifications:

Stock No.	Color	Type	Length	Image
1964346	BLACK	PVC EQUIPMENT WIRE	500M	
1964347	BLUE	PVC EQUIPMENT WIRE	500M	
1964348	BROWN	PVC EQUIPMENT WIRE	500M	
1964349	GREEN	PVC EQUIPMENT WIRE	500M	
1964350	ORANGE	PVC EQUIPMENT WIRE	500M	
1964351	PINK	PVC EQUIPMENT WIRE	500M	
1964352	RED	PVC EQUIPMENT WIRE	500M	
1964353	WHITE	PVC EQUIPMENT WIRE	500M	
1964354	GREEN /YELLOW	PVC WIRE	100M	
1964355	YELLOW /GREEN	EARTH PVC WIRE	100M	