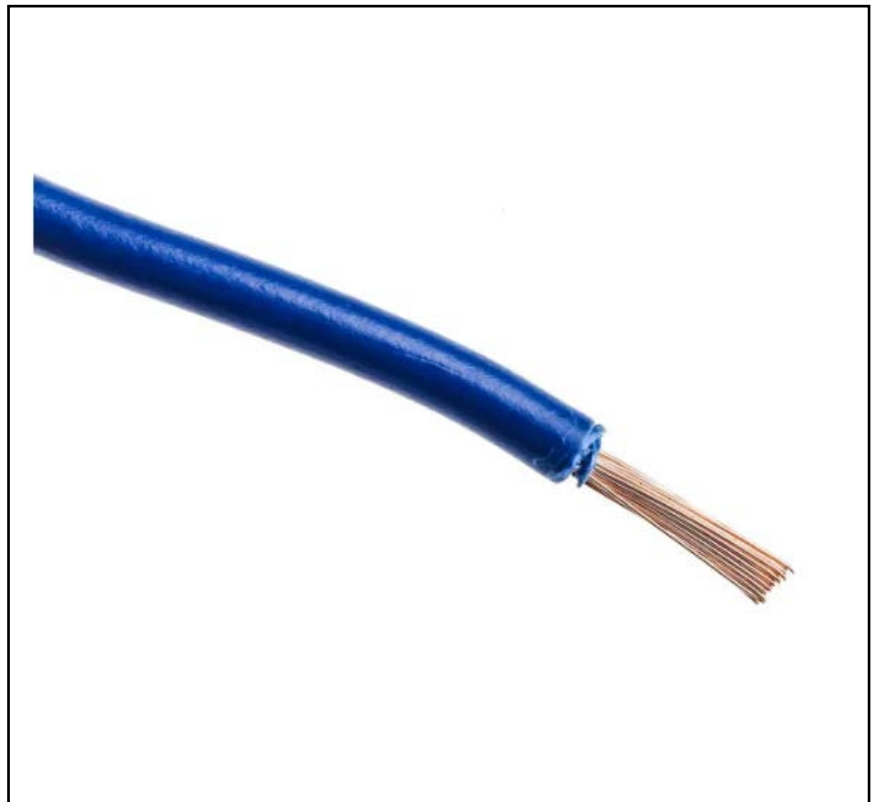


## FEATURES

- A plain copper conductor
- A voltage rating of 600 / 1000 V
- Class 5 flexibility
- A HR PVC (Heat Resistant PVC) insulation

## RS PRO Single Core x 2.5sqmm (Class 5 PCW), HRPVC Insulated, 600/1000V, Tri-Rated

RS Stock No.: 906-2710



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

From RS PRO a high quality Tri-Rated cable with a 1 m length and colour coding recognised under the European Harmonised designation (HAR) codes H05V2-K and H07V2-K

### General Specifications

<b>Type</b>	Tri-rated
<b>Tri-rated</b>	Yes
<b>Sheath Colour</b>	Dark Blue
<b>Harmonised Code</b>	H05V2-K and H07V2-K
<b>Application</b>	Electrical cabinets, Switch control in power switchgear, Relay and instrumentation panels of power switchgear, Internal connectors in rectifier equipment, Motor starters and controllers, Small electrical devices, Industrial electrical installations, Panel building

### Electrical Specifications

<b>Voltage Rating</b>	600/1000V
<b>Current Rating</b>	30A
<b>Conductor Material</b>	48/0.245mm Plain Annealed Copper (Class 5 to IEC 60228)
<b>Insulation Material</b>	HRPVC (Type TI3 to BS EN 50363)
<b>Conductor Resistance</b>	7.98 $\Omega$ /km @ 20°C (Maximum)

### Mechanical Specifications

<b>Length</b>	100m
<b>Cross Sectional Area</b>	2.5mm <sup>2</sup>
<b>Outer Diameter</b>	3.7mm
<b>American Wire Gauge</b>	14
<b>Core Strands</b>	50/0.25mm
<b>Size of Strands</b>	0.25mm
<b>Insulation Wall Thickness</b>	0.8mm
<b>Diameter Over Insulation</b>	Lower Limit: 3.40mm, Upper Limit: 4.10mm

## Operation Environment Specifications

<b>Maximum Operating Temperature</b>	105°C
<b>Maximum Conductor Temperature</b>	105°C in air; 60°C in oil
<b>Temperature Range</b>	-15 to +105°C

## Approvals

<b>Compliance/Certifications</b>	UL & CSA
<b>Standards Met</b>	UL 1015 & CSA Type TEW & BS 6231 Type CK



RS Stock no.	Sheath Colour	Area (sq.mm)	Approx AWG	Conductor nom. (mm)	Nom r/t (mm)	Nom Diam (mm)	Max Temp °C	AWM Style No.	Max* Amps
516-8094	Red	25	4	196/0.4	1.6	10.6	105	1283	136
516-8117	Green/ Yellow	25	4	196/0.4	1.6	10.6	105	1283	136
628-5291	Mid-Blue	10	8	80/0.4	1.2	6.8	105	1028	75
628-5314	Red	10	8	80/0.4	1.2	6.8	105	1028	75
628-5320	Black	10	8	80/0.4	1.2	6.8	105	1028	75
628-5336	Yellow	10	8	80/0.4	1.2	6.8	105	1028	75
628-5342	Black	16	6	126/0.4	1.6	9.2	105	1283	100
628-5358	Green/ Yellow	10	8	80/0.4	1.2	6.8	105	1028	75
628-5364	Mid-Blue	16	6	126/0.4	1.6	9.2	105	1283	100
628-5370	Red	16	6	126/0.4	1.6	9.2	105	1283	100
628-5386	Yellow	16	6	126/0.4	1.6	9.2	105	1283	100
628-5409	Green/ Yellow	16	6	126/0.4	1.6	9.2	105	1283	100
628-5421	Red	25	4	196/0.4	1.6	10.6	105	1283	136
628-5465	Green/ Yellow	25	4	196/0.4	1.6	10.6	105	1283	136
628-5493	Brown	10	8	80/0.4	1.2	6.8	105	1028	75

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