Features

- Low voltage wiring suitable for use across automotive, marine and industrial applications such as wire harnesses.
- Good resistance to petrol, diesel, lubricating oils & diluted acids, as well as surface abrasion and cut through.
- Min Bend Radius – <6x OD

Standards (Compliance / Certification):

- BS EN 60228:2005 – Bare Copper
- ISO6722-1:2011
- ISO14572
- IEC60332.1.2 – Flame Retardancy

RS PRO Thin Wall 3 Core 1.5mm²

RS Stock No.: 907551, 907552, 907553, 907554



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Thin Wall 3 Core 1.5mm² Cable

Product Description

Low voltage wiring suitable for use across automotive, marine and industrial applications such as wire harnesses. High temperature, flame retardant and chemical resistant sheathing. Reduced insulation wall thickness gives considerable saving in weight and on volume especially in large harness construction. Good resistance to petrol, diesel, lubricating oils & diluted acids, as well as surface abrasion and cut through.

General Specifications

Number of Strands	3 x 21
Conductor Strand Type	Class 5 Conductor
Insulator Colour	Black
Core Colours	Black, Red, Green
Conductor Material	Bare Copper
Insulator Material	PVC
Fire Behaviour	IEC60332.1.2 Flame Retardancy

Electrical Specifications

Voltage Rating	12v/24v – 60v Max DC
Current Rating	21.0A

Mechanical Specifications

Length	30m, 100m
Outer Diameter	6.1mm
Cross Sectional Area	3 x 1.5mm²
Size of Strands	0.3mm
Core Strands	3 x 21

Operation Environment Specifications

Operating Temperature	-30° to 70°C

Approvals

Compliance/Certifications	ISO6722-1:2011, BS EN 60228:2005, ISO19642, IEC60332.1.2

Similar Products

Parameters	0.75mm²	1.0mm²	1.5mm²	2.0mm²
MPN/Article	TW03/03	TW03/01	TW03/04	TW03/02
Number of Strands	3 x 24	3 x 32	3 x 21	3 x 28
Conductor Strand Type	Class 5 Conductor	Class 5 Conductor	Class 5 Conductor	Class 5 Conductor
Insulator Colour	See general specification	See general specification	See general specification	See general specification
Core Colours	See general specification	See general specification	See general specification	See general specification
Conductor Material	Bare Copper	Bare Copper	Bare Copper	Bare Copper
Insulator Material	PVC	PVC	PVC	PVC
Length	30m, 100m	30m, 100m	30m, 100m	30m, 100m
Outer Diameter	5.7mm	5.5mm	6.1mm	7.3mm
Cross Sectional Area	3 x 0.75mm²	3 x 1.0mm²	3 x 1.5mm²	3 x 2.0mm²
Size of Strands	0.2mm	0.2mm	0.3mm	0.3mm
Voltage Rating	12v/24v – 60v Max DC	12v/24v – 60v Max DC	12v/24v – 60v Max DC	12v/24v – 60v Max DC
Current Rating	14.0A	16.5A	21.0A	25.0A
Fire Behaviour	IEC60332.1.2 Flame Retardancy	IEC60332.1.2 Flame Retardancy	IEC60332.1.2 Flame Retardancy	IEC60332.1.2 Flame Retardancy

The conductor specifications shown are representative configurations; actual cable strand may differ slightly but will meet the resistance values shown. Nominal current amperage ratings are provided as a guide only, and can vary depending on the application, condition and environmental factors. If in doubt, please consult a qualified electrician.