Features

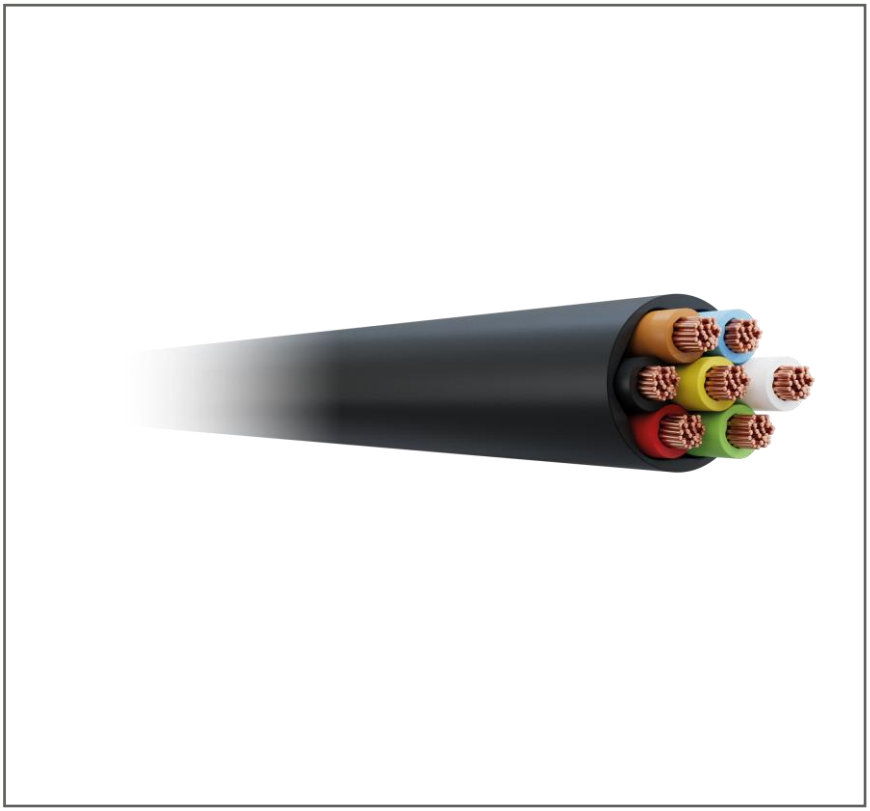
- Câblage basse tension adapté aux applications automobiles, marines et industrielles, notamment pour les faisceaux de câbles.
- Bonne résistance à l'essence, au diesel, aux huiles lubrifiantes et aux acides dilués, ainsi qu'à l'abrasion et à la perforation.
- Rayonne de courbure minimum – <6x OD

Normes (Conformité/Certification) :

- • BS EN 60228:2005– Cuivre nu
- ISO 6722-1:2011
- ISO 14572
- IEC 60332.1.2 – Retardateur de flamme

RS PRO Thin Wall 7 Core / 1.5mm²

RS Stock No.: 907558, 907559, 907560, 907561



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 7 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	6 x 21 & 1 x 35
Conductor Strand Type	Class 5 Conductor
Insulator Colour	Grey
Core Colours	Black, Red, Green, Yellow, Brown, White, Blue
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 (6 x 21) & 29.0A (1 x 35)

Mechanical Specifications

Length	30m, 100m
Outer Diameter	10.1mm
Cross Sectional Area	6 x 1.5mm² & 1 x 2.5mm²
Size of Strands	0.3mm
Core Strands	6 x 21 & 1 x 35

Operation Environment Specifications

Operating Temperature	-30° to 70°C

Approvals

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

Similar Products

Parameters	0.5mm²	0.75mm²	1mm²
MPN/Article	TW07/03	TW07/01	TW07/04
Number of Strands	7 x 16	7 x 24	7 x 32
Conductor Strand Type	Class 5 Conductor	Class 5 Conductor	Class 5 Conductor
Insulator Colour	Black	Black	Black
Core Colours	See general specification	See general specification	See general specification
Conductor Material	Bare Copper	Bare Copper	Bare Copper
Insulator Material	PVC	PVC	PVC
Length	30m, 100m	30m, 100m	30m, 100m
Outer Diameter	6.0mm	6.8mm	7.4mm
Cross Sectional Area	7 x 0.5mm²	7 x 0.75mm²	7 x 1.0mm²
Size of Strands	0.2mm	0.2mm	0.2mm
Voltage Rating	12v/24v – 60v Max DC	12v/24v – 60v Max DC	12v/24v – 60v Max DC
Current Rating	11.0A	14.0A	16.5A
Fire Behaviour	IEC60332.1.2 Flame Retardancy	IEC60332.1.2 Flame Retardancy	IEC60332.1.2 Flame Retardancy

Thin Wall 7 Core 1.5mm² Cable

Parameters	6 x 1.0mm² & 1 x 2.0mm²	6 x 1.5mm² & 1 x 2.5mm²
MPN/Article	TW07/02	TW07/07
Number of Strands	6 x 32 & 1 x 28	6 x 21 & 1 x 35
Conductor Strand Type	Class 5 Conductor	Class 5 Conductor
Insulator Colour	Black	Grey
Core Colours	See general specification	See general specification
Conductor Material	Bare Copper	Bare Copper
Insulator Material	PVC	PVC
Length	30m, 100m	30m, 100m
Outer Diameter	8.3mm	10.1mm
Cross Sectional Area	6 x 1.0mm² & 1 x 2.0mm²	6 x 1.5mm² & 1 x 2.5mm²
Size of Strands	0.2/0.3mm	0.3mm
Voltage Rating	12v/24v – 60v Max DC	12v/24v – 60v Max DC
Current Rating	16.5A (6 x 32) & 25.0A (1 x 28)	21.0A (6 x 21) & 29.0A (1 x 35)
Fire Behaviour	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.