

## FEATURES

- 7/0.2 mm core strands
- Various lengths
- Bend radius will be 8 x outer diameter
- Core/Screen capacitance (nominal) 95pF/m
- Black PVC sheath
- Tinned copper braid

## RS PRO 12 Core Screened Tinned Copper Braid Industrial Cable, 0.22 mm<sup>2</sup> Black 100m Reel

RS Stock No.: 660-0463



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 range of multicore cables suitable for various applications. A cable which has a multicore is a great addition in environments where cable connections require a neatly organised layout. If an area doesn't have much space, or is fully visible to customers/public, multicore cable considerably reduces tripping hazards and improves the overall appearance of electrical equipment. All models are highly reliable and excellent quality.

## General Specifications

<b>Conductor Material</b>	Tinned Copper
<b>Number Of Cores</b>	12
<b>Screened/Unscreened</b>	Screened
<b>Sheath Colour</b>	Black
<b>Screen Type</b>	Tinned Copper Braid
<b>Sheath Material</b>	Polyvinyl Chloride PVC
<b>Insulation Material</b>	PVC
<b>Fire Behaviour</b>	Flame Retardant
<b>Drain Wire</b>	No
<b>Tape</b>	Mylar Spiral
<b>Coverage</b>	≥115%
<b>ID Thread</b>	Green, White/Green
<b>A rip cord</b>	210 D
<b>Conductor Qty</b>	16x8
<b>Braid Shield</b>	Tinned Copper
<b>Marking (3times/m)</b>	RS 6600463 7 - 2 - 12C
<b>Application</b>	Power supply for lighting, Electrical devices, Motors, Electrical connections, Risers, Lighting remote control installations, Telecontrol installations

## Electrical Specifications

American Wire Gauge	24AWG
Core Strands	7/0.2mm
Voltage Rating	300V
Current Rating	1A
Max. Conductor DC Resistance	<86.2Ω/Km
Min. Conductor DC Resistance	>200 MΩ/Km
Conductor Resistance	86.2Ω/Km
Minimum Bend Radius	8

## Mechanical Specifications

Cross Sectional Area	0.22mm <sup>2</sup>
Outer Diameter	6.9±0.2
Length	100m
Cable Shape	Multicore
Diameter of insulation	1.2±0.05 x 12C

## Operation Environment Specifications

Minimum Operating Temperature	-20°C
Maximum Operating Temperature	80°C
Operating Temperature flexing	-20°C to 80°C

## Approvals

Standards Met	Defence Standard 61-12, Parts 4 and 5; NBN EN ISO 9001; OP-QAO-003; OP-QIO-504; KI-QIO-616, IEC60332-1
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