

## FEATURES

- 16/0.2mm core strands
- Various lengths
- Bend radius will be 8 x outer diameter
- 0.5mm<sup>2</sup> CSA
- Black PVC sheath
- Tinned copper braid

## RS PRO 6 Core Screened Tinned Copper Braid Industrial Cable, 0.5 mm<sup>2</sup> Black 25m Reel

RS Stock No.: 660-0491



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

Brought to you by RS PRO, these screened multicore cables are a great choice for various applications. A cable which has a multicore are perfect for situations where space is limited or wires can look tangled and untidy. With the cores protected by a tinned copper braided screen and a PVC sheath, the performance of these multicore cables will continue to speak for themselves. All models are highly reliable and excellent quality.

## General Specifications

<b>Conductor Material</b>	Tinned Copper
<b>Number Of Cores</b>	6
<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>	16x7
<b>Braid Shield</b>	Tinned Copper
<b>Filler</b>	1.8PVC Strip
<b>Marking (3times/m)</b>	RS 6600491 16 - 2 - 6C
<b>Application</b>	Power supply for lighting, Electrical devices, Motors, Electrical connections, Risers, Lighting remote control installations, Telecontrol installations

## Electrical Specifications

<b>American Wire Gauge</b>	20AWg
<b>Core Strands</b>	16/0.2mm
<b>Voltage Rating</b>	300V
<b>Current Rating</b>	2.5A
<b>Max. Conductor DC Resistance</b>	<37.7Ω/Km
<b>Min. Conductor DC Resistance</b>	>200 MΩ/Km
<b>Conductor Resistance</b>	37.7Ω/Km
<b>Minimum Bend Radius</b>	8 x outer diameter

## Mechanical Specifications

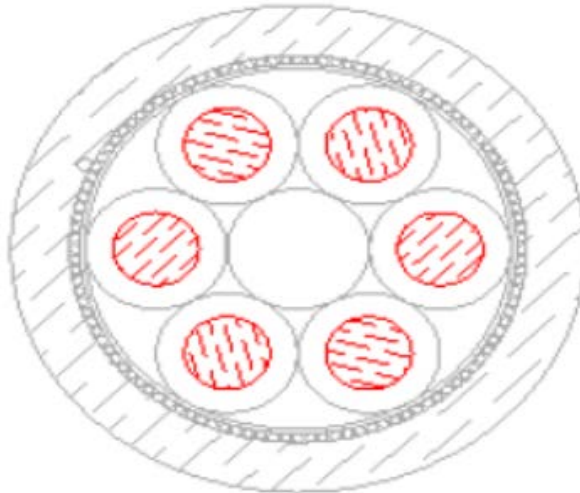
<b>Cross Sectional Area</b>	0.5mm <sup>2</sup>
<b>Outer Diameter</b>	8.3±0.2
<b>Length</b>	25m
<b>Cable Shape</b>	Multicore (6cores)
<b>Diameter of insulation</b>	1.8±0.05 x 6C

## Operation Environment Specifications

<b>Minimum Operating Temperature</b>	-20°C
<b>Maximum Operating Temperature</b>	80°C
<b>Operating Temperature flexing</b>	-20°C to 80°C

## Approvals

<b>Standards Met</b>	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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### Connection Data

Core colours for up to 36 core cable:

1	Red	10	Pink	19	Yellow/Blue	28	Orange/Green
2	Blue	11	Turquoise	20	White/Blue	29	Grey/Green
3	Green	12	Grey	21	Blue/Black	30	Yellow/Brown
4	Yellow	13	Red/Blue	22	Orange/Blue	31	White/Brown
5	White	14	Green/Red	23	Green/Blue	32	Brown/Black
6	Black	15	Yellow/Red	24	Grey/Blue	33	Grey/Brown
7	Brown	16	White/Red	25	Yellow/Green	34	Yellow/Violet
8	Violet	17	Red/Black	26	White/Green	35	Violet/Black
9	Orange	18	Red/Brown	27	Green/Black	36	White/Violet

