

FEATURES

- 16/0.2mm core strands
- Various lengths
- Bend radius will be 8 x outer diameter
- 0.5 mm² CSA
- Black PVC sheath
- Tinned copper braid

RS PRO 18 Core Screened Tinned Copper Braid Industrial Cable, 0.5 mm² Black 50m Reel

RS Stock No.: 660-0518



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

Conductor Material	Tinned Copper
Number Of Cores	18
Screened/Unscreened	Screened
Sheath Colour	Black
Screen Type	Tinned Copper Braid
Sheath Material	Polyvinyl Chloride PVC
Insulation Material	PVC
Fire Behaviour	Flame Retardant
Drain Wire	No
Tape	Mylar Spiral
Coverage	≥115%
ID Thread	Green, White/Green
A rip cord	210 D
Conductor Qty	24x8
Braid Shield	Tinned Copper
Filler	1.8PVC Strip
Marking (3times/m)	RS 6600518 16 - 2 - 18C
Application	Power supply for lighting, Electrical devices, Motors, Electrical connections, Risers, Lighting remote control installations, Telecontrol installations

Electrical Specifications

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

Mechanical Specifications

Cross Sectional Area	0.5mm ²
Outer Diameter	12.0±0.2mm
Length	50m
Cable Shape	Multicore
Diameter of insulation	1.8±0.05 x 18C

Operation Environment Specifications

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

Approvals

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

