

FEATURES

- 7/0.1 mm core strands
- Various lengths
- Bend radius will be 8 x outer diameter
- All cables are screened for protection of the cores
- Black PVC sheath
- Tinned copper braid

RS PRO 6 Core Screened Tinned Copper Braid Industrial Cable, 0.055 mm² Black 100m Reel

RS Stock No.: 660-0390



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, a range of copper braid multicore cables suitable for various applications. A cable which is multicore is a huge benefit in situations where cable connections need to have an organised and better looking layout. If an area doesn't have much space, or is fully visible to customers/public, multicore cable will reduce tripping hazards and improve the overall appearance of electrical equipment. All models are highly reliable and excellent quality.

General Specifications

Conductor Material	Tinned Copper
Number Of Cores	6
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	16x6
Braid Shield	Tinned Copper
Filler	0.7PVC Strip
Marking (3times/m)	RS 6600390 7 - 1 - 6C
Application	Power supply for lighting, Electrical devices, Motors, Electrical connections, Risers, Lighting remote control installations, Telecontrol installations

Electrical Specifications

American Wire Gauge	30AWG
Core Strands	7/0.1 mm
Voltage Rating	300V
Current Rating	250mA
Max. Conductor DC Resistance	<345Ω/Km
Min. Conductor DC Resistance	>200 MΩ/Km
Conductor Resistance	345Ω/Km
Minimum Bend Radius	8 x outer diameter

Mechanical Specifications

Cross Sectional Area	0.055; 1mm ²
Outer Diameter	3.6±0.1mm
Length	100m
Cable Shape	Multicore
Diameter of insulation	0.7±0.05 x 6C

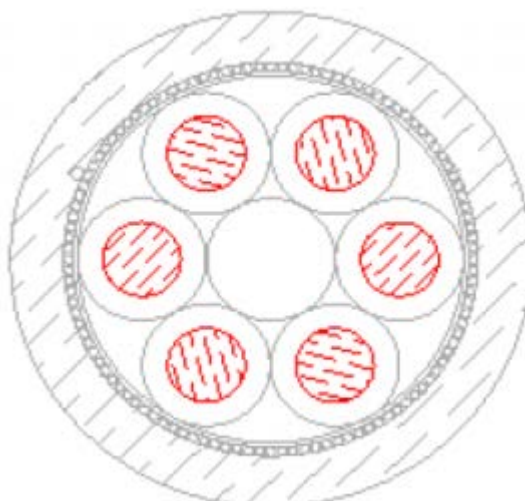
Operation Environment Specifications

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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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