FEATURES

- **16/0.2 mm core strands**

- **High performing copper conductor**

- **0.5mm² CSA**

- **Black PVC sheath**

- **High performance multicore**

RS PRO 12 Core Unscreened Industrial Cable, 0.5 mm² Black 25m Reel

RS Stock No.: 660-4093

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 unscreened multicore cables, perfect for a variety of electrical applications. Cabling which has a multicore is perfect in situations where multiple cables may seem untidy or cause tripping hazards. As each of these wires are unscreened, the cost effective solution provided, excels in multiple industries. All models are highly reliable and excellent quality.

General Specifications

Conductor Material	Tinned Copper
Number Of Cores	12
Screened/Unscreened	Unscreened
Sheath Colour	Black
Screen Type	Unscreened
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
Marking (3times/m)	RS 6604093 16 - 2 – 12A
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	440V
Current Rating	2.5A
Max. Conductor DC Resistance	<40Ω/Km
Min. Conductor DC Resistance	>200 MΩ/Km
Conductor Resistance	40Ω/Km

Mechanical Specifications

Cross Sectional Area	0.5mm^2
Outer Diameter	9.5±0.2mm
Length	25m
Cable Shape	Multicore
Diameter of insulation	1.8±0.05 x 2C

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, IEC60332-1
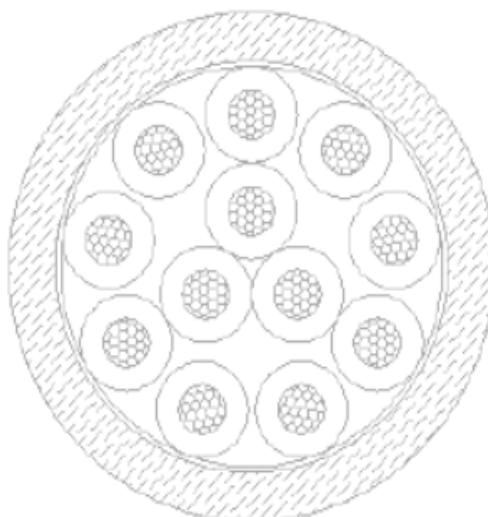
Connection Data

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