

FEATURES

- Copper conductor
- Manufactured to BS7211
- BASEC certified
- LSZH

RS PRO Black, 1.5 mm² Equipment Wire, 100m

RS Stock No.: 763-7618



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 equipment wire suitable for internal electronic wiring within circuit boards and control panels. Supplied with a PVC insulation and supplied on a reel, this hookup wire is an excellent addition for your application. All models are highly reliable and excellent quality.

General Specifications

Type	Equipment Wire
Conductor Material	Copper
Sheath Colour	Black
Insulation Material	Zero Halogen
Wire Style	Halogen free wire
Fire Behaviour	Low Smoke Halogen Free (LSZH)

Electrical Specifications

American Wire Gauge	15AWG
Core Strands	30/0.25mm
Voltage Rating	300/500V
Harmonised Code	2491B
Conductor Resistance	13.30Ω/km Max @ 20degC
Minimum Bend Radius	3 x overall diameter

Mechanical Specifications

Cross Sectional Area	1.5mm ²
Outer Diameter	3mm
Length	100m
Insulation Wall Thickness	0.7mm
weight	21kg/km

Operation Environment Specifications

Minimum Operating Temperature	0°C
Maximum Operating Temperature	90°C
Operating Temperature Range	0°C to 90°C

Approvals

Compliance/Certifications	BASEC certified
Standards Met	BS EN 50525-3-41, H05Z-K, Cenelec HD22.9



Single H05Z-K Core Equipment Wire

7637570
7637573
7637577
7637583
7637586
7637589
7637592
7637595
7637599
7637602
7637606
7637609
7637612
7637615
7637618
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7637637
7637640
7637643
7637646



A harmonised, halogen free wire, suitable for use in equipment in areas where toxic fumes and smoke may threaten life or equipment.

Single H05Z-K Core Equipment Wire



Area (mm ²)	Construction	Insulation Thickness (mm)	Overall Diameter (mm)	Conductor Resistance @ 20°C (Ω/km Max)	Insulation Resistance @ 90°C (Ω/km Max)	Nominal Weight (kg/km)
0.5	16/0.2mm ²	0.6	2.18	39	0.0130	9
0.75	24/0.2mm ²	0.6	2.34	26	0.0110	13
1	32/0.2mm ²	0.6	2.52	19.50	0.0100	16
1.5	30/0.25mm ²	0.7	3	13.30	0.0100	21
2.5	50/0.25mm ²	0.8	3.25	7.98	0.0090	33
4	56/0.3mm ²	0.8	4.12	4.95	0.0070	47
6	84/0.3mm ²	0.8	4.9	3.30	0.0060	66
10	80/0.4mm ²	1.0	6.05	1.91	0.0056	111