

FEATURES

- Stranded conductors protecting the wires from corrosion and increasing efficiency in hot and humid environments
- PVC insulation
- Easy to handle, strip and terminate
- UL Style 1569
- Flammability Test: VW-1
- Rated Voltage: 300V
- Rated Temperature: 105°C
- Size(AWG): 20

RS PRO UL1569 Green, 0.51 mm² Hook Up Wire, 305m

RS Stock No.: 208-1121





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

Hook up wire can be used for a broad range of applications, whether that be in a control cabinet, high-temperature oven, or in a specialised machine tool.

General Specifications

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|---------------------------------------|---|
| Type | Equipment Wire/ hook-up wire |
| Cores Number | 1C |
| Conductor Material | Tinned Copper |
| Cross Sectional Area | 0.51mm ² |
| Conductor Size of Strands | 0.25±0.008mm |
| Conductor Number of Strands | 10 |
| Conductor Strand diameter (mm) | 0.93mm |
| American Wire Gauge | 20 |
| Insulation Material | PVC |
| Insulation Colour | Green |
| Insulation Wall Thickness | 0.40mm |
| Insulation Min Thickness | 0.33mm |
| Insulation Diameter | 1.75±0.10mm |
| Wire Style | UL1569 |
| Fire Behaviour | Flammability Test: VW-1 |
| Cable Marking | E254881  AWM STYLE 1569 20AWG 105°C 300V VW-1 C  AWM I A 105°C 300V FT1 -LF- ELETECK |

Electrical Specifications

| | |
|--------------------------------------|-----------------------------|
| Voltage Rating | 300V |
| Conductor Resistance | 37.4Max Ohms/1000m @ 20degC |
| Spark Test | 1500 VAC RMS |
| Insulation DC Resistance(Min) | 200 MΩ*KM @20degC |
| Minimum Bend Radius | 15 x overall diameter |

Operation Environment Specifications

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|--------------------------------------|----------------|
| Minimum Operating Temperature | -40°C |
| Maximum Operating Temperature | 105°C |
| Operating Temperature Range | -40°C to 105°C |

Approvals

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|----------------------------------|----------------|
| Compliance/Certifications | UL 1569 |
| Standards Met | RoHS Compliant |
| Declarations | REACH |