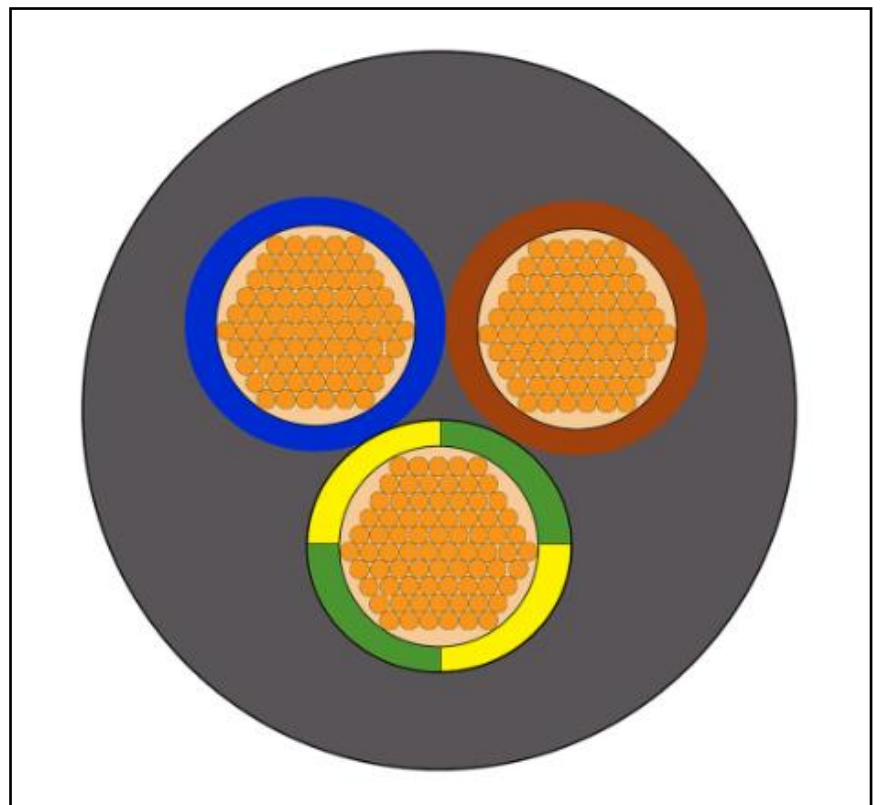


FEATURES

- Three-core 3183Y mains power cable
- Reel length of 100m
- Stranded cable with grey PVC sheath
- 17 AWG
- Copper conductor
- Resistance of 19.5Ω/km
- Voltage rating of 300V, 500V
- Current rating of 10A
- Outer cable diameter of 6.91mm
- Cross-sectional area of 1mm²
- Maximum operating temperature of +70°C
- RoHS compliant (hazardous substances)
- H05VV-F harmonised code
- Euroclass Eca compliant (fire safety)

RS PRO 3 Core 1 mm² Mains Power Cable, Grey Polyvinyl Chloride PVC Sheath 100, 10 A 300 V, 500 V, 3183Y H05VV-F

RS Stock No.: 775-5889



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

Need a mains power cable to run household appliances in dry or steamy areas? This 3-core PVC-insulated cable from the RS PRO range will be up to the task. Its grey sheath is crafted from hardwearing PVC, ensuring it's durable enough for most home wiring jobs.

The cable is available in a length of 100 m. Further dimensions include an outer diameter of 6.91 mm and a cross-sectional area of 1 mm².

General Specifications

| | |
|------------------------|---|
| Type | 3183Y |
| Harmonised Code | H05VV-F |
| Cable Shape | Multicore |
| Sheath Material | Polyvinyl Chloride PVC |
| Sheath Colour | Grey |
| Cable End Type | Bare |
| Applications | Radios and music centres, Table lamps and floor lamps, Hair dryers, Computer and office equipment, Kitchen Appliances |

Electrical Specifications

| | |
|-----------------------------|------------|
| Current Rating | 10A |
| Voltage Rating | 300V, 500V |
| Insulation Material | PVC |
| Conductor Material | Copper |
| Conductor Resistance | 19.50/km |

Mechanical Specifications

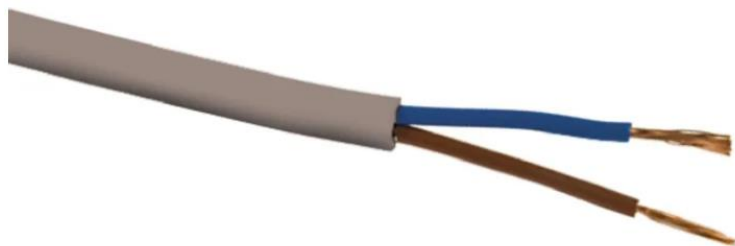
| | |
|------------------------------|------------------|
| Length | 100m |
| Cross Sectional Area | 1mm ² |
| American Wire Gauge | 17 AWG |
| Outer Diameter | 6.19mm |
| Number of Cores | 3 |
| Conductor Strand Type | Stranded |

Operation Environment Specifications

| | |
|--------------------------------------|--|
| Operating Temperature Range | Maximum operating temperature of +70°C |
| Maximum Operating Temperature | +70°C |
| Short Circuit Temperature | 160°C (Max. 5sn) |

Approvals

| | |
|----------------------|---|
| Standards Met | Euroclass Eca, TS 9760 HD 21.5.S3-VDE 0281-5-IEC60227-5, RoHS Compliant |
|----------------------|---|



| BOYLUT VE AĞIRLIKLAR (DIMENSIONS AND WEIGHTS) | | | | ELEKTRİKSEL ÖZELLİKLER (ELECTRICAL PROPERTIES) | |
|--|--|--|---|--|---|
| Type Tip | Nominal Kesit Nominal cross-section | Dış Çap(yaklaşık) Overall Diameter (approx.) | Net Ağırlık(yaklaşık) Net Weight(apprx.) | İletken DC Direnci 20 °C'de max. DC Conductor Resistance at 20 °C | Akım taşıma kapasitesi Current Carrying Capacity |
| | mm ² | mm | kg/km | ohm / km | Havada 30 °C'de In Air at 30 °C |
| H05VV-F | 2x0,75 | 6,05 | 52,43 | 26,00 | 6 |
| | 2x1 | 6,39 | 61 | 19,50 | 10 |
| | 2x1,5 | 7,30 | 80,73 | 13,30 | 16 |
| | 2x2,5 | 8,86 | 121,58 | 7,98 | 25 |
| | 2x4 | 10,33 | 170,69 | 4,95 | 32 |
| | 3x0,75 | 6,47 | 62,15 | 26,00 | 6 |
| | 3x1 | 6,91 | 73,81 | 19,5 | 10 |
| | 3x1,25 | 7,60 | 93,72 | 15,51 | 13 |
| | 3x1,5 | 7,99 | 102,79 | 13,3 | 16 |
| | 3x2,5 | 9,70 | 150,34 | 7,98 | 25 |
| | 3x4 | 11,17 | 216,53 | 4,95 | 32 |
| | 4x0,75 | 7,04 | 74,04 | 26,0 | 6 |
| | 4x1 | 7,81 | 94,21 | 19,5 | 10 |
| | 4x1,5 | 8,87 | 126,38 | 13,3 | 16 |
| | 4x2,5 | 10,63 | 191,3 | 7,98 | 20 |
| | 4x4 | 12,15 | 263,44 | 4,95 | 32 |
| | 5x0,75 | 8,04 | 98,62 | 26,0 | 6 |
| | 5x1 | 8,37 | 111,53 | 19,5 | 10 |
| | 5x1,5 | 10,10 | 158,89 | 13,3 | 16 |
| | 5x2,5 | 11,8 | 229,46 | 7,98 | 20 |
| 5x4 | 13,67 | 328,29 | 4,95 | 32 | |

