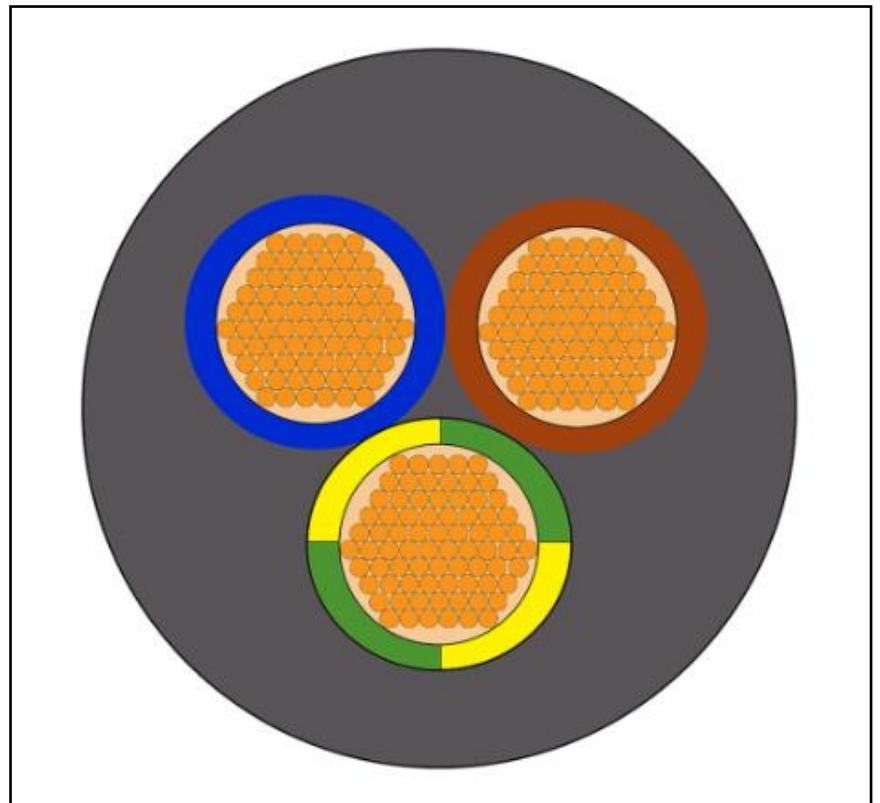


FEATURES

- Single-core cable
- Reel length of 100m
- Stranded cable with PVC sheath for flexibility
- Resistance of 7.980/km
- Voltage rating of 300V, 500V
- Outer cable diameter of 9.7mm
- Maximum operating temperature of +70°C
- PVC sheath
- PVC insulation
- RoHS compliant (hazardous substances)
- Euroclass Eca compliant (fire safety)

RS PRO 3 Core 2.5 mm² Mains Power Cable, Grey Polyvinyl Chloride PVC Sheath 100, 25 A 300 V, 500 V, 3183Y H05VV-F

RS Stock No.: 775-5895



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

This three-core mains power cable from our high-quality RS PRO series will safely power household appliances in dry, humid and steamy areas.

The grey sheath is made from flexible PVC, so it's a durable but lightweight option for general household use. The cable is safe to use at temperatures of up to +70°C. It's available in lengths of 100 metres and has an outer diameter of 9.7 mm and a cross-sectional area of 2.5 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	25A
Voltage Rating	300V, 500V
Insulation Material	PVC
Conductor Material	Copper
Conductor Resistance	7.980/km

Mechanical Specifications

Length	100m
Cross Sectional Area	2.5mm ²
American Wire Gauge	13 AWG
Outer Diameter	9.7mm
Number of Cores	3
Conductor Strand Type	Stranded
Cable Weight	150.34kg/km

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, IEC 60228 Class 5 compliant, RoHS Compliant
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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	

