

## H03VV-F 300 Volt

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**H03VV-F** is a harmonized, light-duty, oil-resistant, flexible, PVC multi-conductor 300-volt European cord. Recommended for use in connecting small electrical appliances under low mechanical stress environments as in offices, kitchens and households. **H03VV-F** can commonly be found in connections to kitchen utensils, desk lamps, floor lamps, vacuum cleaners, office machines and radios. These cables should NOT be used in cooking and heating apparatus. Available in black, white or gray jacket. Max operating voltage in single or three phase system is Uo/U 330/330 volts. In a direct current system max operating voltage is Uo/U 495/495 volts. Outdoor installation is not permitted.



### Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- PVC core insulation to VDE-0281 Part 1
- Color code VDE-0293-308
- PVC outer jacket - Black (RAL 9005), White (RAL 9003) or Gray (RAL 7001)
- **Oil resistant**

### Technical:

- Working voltage: 300/300 volts
- Test voltage: 2000 volts
- Flexing bending radius: 7.5 x Ø
- Static bending radius: 4 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -40° C to +70° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

### Approvals:

- <HAR> HD21.5 S3
- VDE-0281 Part-5
- CE low voltage directive 73/23/EEC & 93/68/EEC.
- IEC 60227-5
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>20 AWG (16/32) 0,50mm<sup>2</sup></b>				
4032002*	2	0.201" / 5.1mm	7	27
4032003*	3	0.217" / 5.5mm	10	33
4032004*	4	0.236" / 6.0mm	13	41
<b>18 AWG (24/32) 0,75mm<sup>2</sup></b>				
4031802*	2	0.213" / 5.4mm	10	33
4031803*	3	0.224" / 5.7mm	15	40
4031804*	4	0.248" / 6.3mm	19	48
4031805*	5	0.280" / 7.1mm	24	58

\* Available in white jacket (404) and gray jacket (405)

\*\* For larger than #18 AWG (0,75mm<sup>2</sup>) see H05VV-F (400)