

## H05VV-F/SJT UL/CSA/HAR



**H05VV-F/SJT** is a harmonized, UL/CSA approved, light-duty, oil-resistant, flexible, PVC multi-conductor European and UL 62 SJT cord. The international and national approvals make this cable ideal for import and export to North American and European markets. Recommended for use in connecting electrical appliances under medium mechanical stress environments as in offices, kitchens and households. **H05VV-F/SJT** can commonly be found in connections in damp and wet areas as in refrigerators, washing machines and spin-dryers. These cables are suitable to be used in cooking and heating apparatus if there is no actual direct contact with the hot parts or other heat influences. These cables are also suitable for fixed applications in furniture, wall partitions, decoration coverings and in hollow spaces of prefabricated building parts. Available in black, white or gray jacket. Outdoor installation is not permitted.



### Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-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 VDE: 300/500 volts
- Working Voltage UL/CSA: 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, VW-1
- Insulation resistance: 20 MΩ x km

### Approvals:

- UL Style 62 (SJT), VW-1
- CSA 22.2 No 49, FT-1
- <HAR> HD21.5 S3
- VDE-0281 Part-5 & Part-2
- 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>18 AWG (32/32) 1,00mm<sup>2</sup></b>				
4501802*	2	0.283" / 7.2mm	13	38
4501803*	3	0.299" / 7.6mm	19	49
4501804*	4	0.339" / 8.6mm	26	58
4501805*	5	0.370" / 9.4mm	32	70
<b>16 AWG (30/30) 1,50mm<sup>2</sup></b>				
4501602*	2	0.299" / 7.6mm	19	55
4561603*	3	0.327" / 8.3mm	30	64
4501604*	4	0.366" / 9.3mm	39	78
4501605*	5	0.409" / 10.4mm	48	97
<b>14 AWG (50/30) 2,50mm<sup>2</sup></b>				
4501402*	2	0.362" / 9.2mm	32	79
4501403*	3	0.394" / 10.0mm	48	102
4501404*	4	0.429" / 10.9mm	64	129
4501405*	5	0.480" / 12.2mm	80	163
<b>12 AWG (56/28) 4,00mm<sup>2</sup></b>				
4501202*	2	0.417" / 10.6mm	52	131
4501203*	3	0.453" / 11.5mm	77	158
4501204*	4	0.488" / 12.4mm	103	201
4501205*	5	0.555" / 14.1mm	129	242

\* Available in white jacket (451) and gray jacket (452)