



H05VV-F/SJT 300V +70°C

Construction

- Bare copper strands, finely stranded with AWG dimensions in accordance with UL 62
- Core insulation made of special PVC, compound type TI2 according to DIN VDE 0207-363-3/
DIN EN 50363-3 and class 43 according to UL-Std.62 (Tab.50.182, UL-Std.1581) according to CSA C22.2 No 49 type SJT
- Core identification according to DIN VDE 0293-308 in one colour
- Protective conductor GN-YE, from 3 cores
- Cores stranded with optimum lay lengths
- Outer jacket made of PVC mixture type TM2 according to DIN VDE 0207-363-4-1/DIN EN 50363-4-1 and
class 43 according to UL-Std.62 (Tab.50.182, UL-Std.1581) according to CSA C22.2 No 49 type SJT
- Sheath color black, white or grey

Technical specifications

- PVC hose according to DIN VDE 0285-525-2-11/ DIN EN 50525-2-11 IEC 60227-5 and UL Std.62 and CSA 22.2 No. 49
- Temperature range HAR:
moved: -5°C to +70°C
not moved: -40°C to +70°C
- Temperature range UL/CSA:
agitated: -5°C to +60°C
not moved: -40°C to +60°C
- Rated voltage: HAR U_0/U 300/500 V UL/CSA 300V
- Test voltage: 2500V, 5 min.
- Breakdown Voltage: 5000V min
- Spark Test: 6000V
- Insulation resistance: 20 MΩ x km min
- Minimum bending radius: 7.5 x cable diameter
- Radiation resistance: up to 80x10⁶ CJ/kg (up to 80 Mrad)

Characteristics

The materials used in production are silicone and cadmium-free and free of paint wetting impairment substances

Examination

PVC self-extinguishing and flame-retardant according to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (corresponds to DIN VDE 0472 part 804 test type B), CSA FT2

Applications

This PVC insulated flexible cable standardized according to VDE-HAR-UL-CSA comes for export as well as in almost all devices intended for export. Suitable for medium mechanical stress and free movement without tensile stress in damp and wet rooms, as flexible connecting cable for office, Household and kitchen appliances such as B. washing machines, tumble dryers, refrigerators, copiers etc. as far as this is permitted in the relevant device regulations. These lines may be used in furniture, partition walls, Decorative paneling and in cavities of prefabricated components.

Not suitable for the application outdoors, in commercial (but permissible in tailoring workshops and the like) and farms and for connecting commercial power tools.
The product conforms to the EC Low Voltage Directive 2006/95/EC.

cores x AWG	nominal cross section qmm	Outer-Ø ca. mm	Cu-number kg/km	total weight kg/km	stocknumber
2 x 17	1,04	7,4	20,0	86,0	2862X17010
3 x 17	1,04	7,9	30	98,0	2863X17010
4 x 17	1,04	8,8	40	123,0	2864X17010
5 x 17	1,04	9,6	50	146,0	2865X17010
2 x 15	1,65	8,1	31,7	106,0	2862X15010
3 x 15	1,65	8,7	47,5	128,0	2863X15010
4 x 15	1,65	9,8	63,4	164,0	2864X15010
5 x 15	1,65	10,8	79,2	201,0	2865X15010
2 x 13	2,63	9,5	50,5	150,0	2862X13010
3 x 13	2,63	10,2	75,7	184,0	2863X13010
4 x 13	2,63	11,2	101,0	229,0	2864X13010
5 x 13	2,63	12,5	126,2	281,0	2865X13010
2 x 11	4,17	10,8	80,1	204,0	2862X11010
3 x 11	4,17	11,6	120,1	254,0	2863X11010
4 x 11	4,17	12,8	160,1	315,0	2864X11010
5 x 11	4,17	14,4	200,2	393,0	2865X11010

- Further formats available on request
- All data and products subject to change