



# UL/cUL SJT / H05V2V2-F Power cord to UL 62 90°C

## Construction

- Conductor: Electrolytic flexible bare copper conductor compliant with UL 62 and IEC 60228 (class 5)
- Core insulation: PVC insulation with high heat resistance corresponds to class 7 of table 8 of standard UL 62 and TI3 according to the requirements of the EN 50363-3 standard
- The inner cores are twisted together (around a central filler at a 5-wire construction), where the lay length corresponds to table 10 of the UL 62 strands
- Outer jacket: PVC outer jacket with high heat resistance corresponds to class 1.8 of table 11 of standard UL 62 and TM3 according to the requirements of the EN 50363-4-1 standard
- Sheath colour: RAL 9005 black (other colors also possible)
- Marking: Printing according to UL62 E501490

## Technical specifications

- Operating voltage UL: 300/500 V for the European market  
300 V for the American market
- Test Voltage: 3000V
- Bending radius fixed installation: > 10 x diameter
- Temperature range: -20°C to +90°C for the European market  
-20°C to +105°C for the American market  
Short circuit temperature 160°C
- Flame retardancy: IEC 60332-1-2 for the European market  
VW-1 / FT1 for the American market
- EN 50525-2-11, European Low Voltage Directive number 2014/35/EU HAR certificate CA01.00642 UL

## Applications / Properties

- suitable for indoor use
- suitable for permanent installation
- Installation in kitchens and offices, interconnection of household appliances too humid places, all installations where medium mechanical loads can occur (washing machines, hair dryers, refrigerators).  
They can also be used for cooling and heating devices provided the cable is not comes into contact with hot parts or is not exposed to thermal influences is. Also suitable when higher heat resistance is required.

---

AWG	Ømm	conductor stranding mm	electrical resistance Ohm /km	Ø insulation mm	radial thickness of insulation mm	outer Ø mm	Thickness of jacket mm	Articlenumber
2xAWG17	1	33 x 0,200	< 17,8	2,9 +/- 0,1	> 0,80 mm	7,5 +/- 0,2	> 0,80 mm	2193021710

---

AWG	qmm	conductor stranding mm	electrical resistance Ohm /km	Ø insulation mm	radial thickness of insulation	outer Ø mm	Thickness of jacket	Articlenumber
3xAWG17	1	33 x0,200	< 17,8	2,9 +/-0,1	> 0,80 mm	8,0 +/- 0,2	> 0,80 mm	2193031710
4xAWG17	1	33 x 0,200	< 17,8	2,9 +/- 0,1	> 0,80 mm	8,9 +/- 0,2	> 0,90 mm	2193041710
5xAWG17	1	33 x 0,200	< 17,8	2,9 +/- 0,1	> 0,80 mm	9,8 +/- 0,2	> 0,90 mm	2193051710
2xAWG15	1,5	35 x 0,243	< 11,2	3,25 +/- 0,1	> 0,80 mm	8,2 +/ 0,2	> 0,80 mm	2193021510
3xAWG15	1,5	35 x 0,243	< 11,2	3,25 +/- 0,1	> 0,80 mm	8,9 +/- 0,2	> 0,90 mm	2193031510
4xAWG15	1,5	35 x 0,243	< 11,2	3,25 +/- 0,1	> 0,80 mm	10,0 +/- 0,2	> 1,0 mm	2193041510
5xAWG15	1,5	35 x 0,243	< 11,2	3,25 +/- 0,1	> 0,80 mm	11,0 +/- 0,2	> 1,1 mm	2193051510
2xAWG13	2,5	56 x 0,243	< 7,02	3,8 +/- 0,1	> 0,80 mm	9,7 +/- 0,2	> 1,0 mm	2193021310
3xAWG13	2,5	56 x 0,243	< 7,02	3,8 +/- 0,1	> 0,80 mm	10,5 +/- 0,2	> 1,1 mm	2193031310
4xAWG13	2,5	56 x 0,243	< 7,02	3,8 +/- 0,1	> 0,80 mm	11,5 +/- 0,2	> 1,1 mm	2193041310
5xAWG13	2,5	56 x 0,243	< 7,02	3,8 +/- 0,1	> 0,80 mm	12,8 +/- 0,2	> 1,2 mm	2193051310

AWG	qmm	conductor stranding mm	electrical resistance Ohm /km	∅ insulation mm	radial thickness of insulation	outer ∅ mm	Thickness of jacket	Articlenumber
2xAWG11	4	59 x0,300	< 4,43	4,3 +/-0,1	> 0,80 mm	11,1 +/- 0,2	> 1,2 mm	2193021110
3xAWG11	4	59 x 0,300	< 4,43	4,3 +/- 0,1	> 0,80 mm	11,8 +/- 0,2	> 1,2 mm	2193031110
4xAWG11	4	59 x 0,300	< 4,43	4,3 +/- 0,1	> 0,80 mm	12,9 +/- 0,3	> 1,2 mm	2193041110
5xAWG11	4	59 x 0,300	< 4,43	4,3 +/- 0,1	> 0,80 mm	14,5 +/- 0,3	> 1,4 mm	2193051110

- Weitere Anfertigungen auf Anfrage
- Alle Angaben ohne Gewähr