

# UL-Style 1015 PVC single core, 600V



## Technical data

- PVC-insulated jumper wire as per UL AWM Style 1015/MTW and CSA-AWM/TEW as per UL-Style 1015 and CSA-TEW
- **Temperature range**  
flexible -5°C to +105°C  
fixed installation -30°C to +105°C
- **Temperature at conductor**  
max. UL and CSA: +105°C
- **Nominal voltage** 600 V
- **Test voltage (Spark test)**  
AWG 24: 4 kV  
AWG 22 and 20: 5 kV  
AWG 18 to 10: 6 kV  
≥AWG 8: 7,5 kV
- UL-type **AWM + MTW** 105°C 600 V
- CSA-type **AWM + TEW** 105°C 600 V
- **Bending radius**  
once ca. 5 cable Ø  
multiple ca. 10 cable Ø

## Cable construction

- Stranded copper conductor, tinned or plain  
AWG-sizes as per table below
- PVC-core insulation according to  
UL-Standard 1581, class 43 and CSA-C22.2  
No. 210 UL VW-1 and CSA FT1, heat and  
damp resistant

## Properties

- **Conditionally resistant to**  
Oils  
Solvents  
Acids  
Lyes
- PVC self-extinguishing and flame  
retardant, test method to UL VW-1
- The materials used in manufacture are  
cadmium-free and contain no silicone and  
free from substances harmful to the  
wetting properties of lacquers

## Note

- Please complete the above part number  
for the colour required, using the following  
table:  
00 = green / 01 = black /  
02 = blue / 03 = brown /  
04 = red / 05 = white /  
06 = grey / 07 = violet /  
08 = yellow / 09 = orange /  
10 = transparent / 11 = pink /  
12 = beige / 13 = green-yellow /  
14 = blue/white / 15 = dark blue  
27 = white/blue (supply up to AWG 8)

## Application

For the internal wiring of switchboards, electrical equipment, e. g. households, radio or televisions and control desks. Connecting wires in machines laid in preductive tubes and flexible pipes and also for motors and transformers.

UL bzw. CSA:

**AWM** = **A**pliance **W**iring **M**aterial

For internal wirings for electrical equipment and control apparatus e. g. electronic assembly components. UL-MTW: Machine Tool-Wires  
CSA-TEW: Equipment/Lead Wires

**MTW** = **M**achine **T**ool **W**ire

For the electronical installation of machine tools and the relative control

**UL** = **U**nderwriters **L**aboratories Inc. (USA)

**CSA** = **C**anadian **S**tandards **A**ssociation (Kanada)

**CE** = The product is conformed with the EC Low-Voltage Directive 73/23/EEC and 93/68/EEC.

Part No.	Cross-section ca. mm²	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
601xx	0,21	24	2,2	2,5	8,0
602xx	0,33	22	2,4	3,2	10,0
603xx	0,52	20	2,5	5,0	12,0
604xx	0,81	18	2,8	7,9	16,0
605xx	1,31	16	3,1	12,6	22,0
606xx	2,08	14	3,5	20,7	31,0
607xx	3,32	12	4,0	33,0	45,0
608xx	5,26	10	4,6	51,6	65,0
609xx	8,35	8	6,5	80,6	110,0
610xx	13,29	6	8,0	125,0	175,0
611xx	21,14	4	9,5	201,0	260,0
612xx	26,65	3	10,4	253,0	340,0

Part No.	Cross-section ca. mm²	AWG-no.	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km
613xx	33,61	2	11,3	317,0	380,0
614xx	42,38	1	13,3	399,0	500,0
615xx	53,47	1/0	13,6	500,0	615,0
616xx	67,4	2/0	15,5	631,0	750,0
617xx	84,97	3/0	17,5	792,0	900,0
618xx	107,17	4/0	19,0	996,0	1070,0
62501	127	250 kcmil	21,2	1178,0	1280,0
62601	152	300 kcmil	22,4	1410,0	1518,0
62701	178	350 kcmil	25,3	1645,0	1756,0
62801	203	400 kcmil	26,0	1902,0	2002,0
62901	254	500 kcmil	28,0	2345,0	2475,0

Dimensions and specifications may be changed without prior notice.