

UL-Style 1007, CSA TR 64 PVC single cores, 80°C, 300V



Technical data

- PVC-single core to UL-Style and CSA-AWM
 - UL-Style 1007
 - CSA-AWM I A/B or TR 64
- **Temperature range**
flexible -5 °C bis +80 °C
fixed installation -30 °C bis +80 °C
CSA-AWM I A/B or TR 64 +90 °C
- **Nominal voltage** 300 V
- **Test voltage** 2000 V
- **Test voltage (Spark test)**
AWG 26-20 = 4 kV
AWG 10-18 = 5 kV
- **Bending radius**
once approx. 5x core ø
multiple approx. 10x core ø

Cable structure

- Stranded copper conductor, tinned to UL-Std. 785 section G
- PVC-core insulation according to UL-Std. 1581 class 43 Tab. 50.182, heat and damp resistant

Properties

- **Conditionally resistant to**
Oils
Solvents
Acids
Lyes
- PVC self-extinguishing and flame retardant, test method to UL VW-1/CSA FT1
- 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
- AWG sizes are approximate equivalent values. The actual cross-section is in mm².
- Due to design the constructional alternations may be possible.

Application

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

AWM = Appliance Wiring Material

For internal wirings for electrical equipment and control apparatus e.g. electronic assembly components.

UL = Underwriters Laboratories Inc. (USA)

CSA = Canadian Standards Association (Canada)

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
635xx	1 x 0,13	26	1,4	1,6	3,2
620xx	1 x 0,21	24	1,5	2,3	4,3
621xx	1 x 0,33	22	1,6	3,4	6,0
622xx	1 x 0,52	20	1,8	5,3	8,5
623xx	1 x 0,82	18	2,1	8,2	12,5

Part no.	No. cores x cross-sec. mm ²	AWG-No.	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km
624xx	1 x 1,32	16	2,4	13,0	18,5
636xx	1 x 2,08	14	3,0	20,0	29,0
637xx	1 x 3,31	12	3,9	33,0	40,0
638xx	1 x 5,26	10	4,1	51,6	61,0

Dimensions and specifications may be changed without prior notice. (RN06)