



## 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
- **Minimum bending radius**  
fixed installation 5x core Ø  
flexible 10x core Ø

## Cable structure

- Stranded copper conductor, tinned to UL-Std.758 with AWG dimensions
- Core insulation of PVC  
heat and damp resistant acc. to class 43  
tab.50.182 acc. to UL-Std.1581

## Properties

### • Conditionally resistant to

- Oils
- Solvents
- Acids
- Lyes
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

### Tests

- PVC self-extinguishing and flame retardant, test method to UL VW-1, CSA FT1

### Note

- Please complete the part number for these cables by adding the suffix for the colour required as per the list:  
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
- Due to design the constructional alternations may be possible.
- AWG 14 - AWG 10 to UL-Style 1569

## 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** = **A**ppliance **W**iring **M**aterial

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

**UL** = Underwriters Laboratories Inc. (USA)

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

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

Part no.	No. cores x cross-sec. mm <sup>2</sup>	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. 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 <sup>2</sup>	AWG-No.	Outer Ø app. mm	Cop. weight kg / km	Weight app. 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)