

UL-Style 1569, CSA TR 64 PVC single cores, 105°C, 300 V



Technical data

- PVC-single core to UL-Style and CSA-AWM UL-Style 1569
CSA-AWM I A/B or TR 64
- **Temperature range**
flexible -5°C bis +105°C
fixed installation -30°C bis +105°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
flexing 10x core Ø

Cable structure

- Stranded copper conductor, tinned to UL-Std.758 with AWG dimensions
- Core insulation of special PVC heat and damp resistant
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.

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**pppliance **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 ² | AWG-No. | Outer Ø app. mm | Cop. weight kg / km | Weight app. kg / km |
|----------|--|---------|-----------------|---------------------|---------------------|
| 660xx | 1 x 0,13 | 26 | 1,4 | 1,6 | 3,2 |
| 661xx | 1 x 0,21 | 24 | 1,5 | 2,3 | 4,3 |
| 662xx | 1 x 0,33 | 22 | 1,6 | 3,4 | 6,0 |
| 663xx | 1 x 0,52 | 20 | 1,8 | 5,3 | 8,5 |
| 664xx | 1 x 0,82 | 18 | 2,1 | 8,2 | 12,5 |

| Part no. | No. cores x cross-sec. mm ² | AWG-No. | Outer Ø app. mm | Cop. weight kg / km | Weight app. kg / km |
|----------|--|---------|-----------------|---------------------|---------------------|
| 665xx | 1 x 1,32 | 16 | 2,4 | 13,0 | 18,5 |
| 666xx | 1 x 2,08 | 14 | 2,9 | 20,0 | 29,0 |
| 667xx | 1 x 3,31 | 12 | 3,6 | 33,0 | 40,0 |
| 668xx | 1 x 5,26 | 10 | 4,3 | 51,6 | 61,0 |

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



Suitable accessories can be found in Chapter X.

- Cable Gland - HELUcond PA6-L
- Cable Gland - HELUcond PA6-UL