



Power cable STOOW AWG12-18 90°C 600V UL 62 / AWM 21179

Construction

- Conductor: bare copper strands in accordance with IEC 60228, VDE 0295 class 5+
UL standard 758
UL 1581
UL 62
- Insulating cover: Spezial-PVC
- Core identification: according to color code US 2
- Stranding: in layers
- Sheath material: special UV and oil-resistant PVC
- Sheath color: black
- Printing: Style 21779 UL 62 600V c(UL) Type CIC 90°C dry 600V FT1
FT2 FT4

Technical data

- Operating voltage UL: 600 V
- Test voltage: 3000 V
- Minimum bending radius
fixed laid: $< 12 \text{ mm} = 3 \times d$
 $> 12 \text{ mm} = 4 \times d$
freely movable: $< 12 \text{ mm} = 5 \times d$
 $> 12 \text{ mm} = 6 \times d$
- Temperature range: UL-AWM -40°C bis +150°C
c(UL) -40°C bis +90°C
- Burning behavior: (UL) FT4 + c(UL) FT1, FT2, FT4
- Oil resistance I: yes
- UV resistance: yes
- Exposed runs: yes
- Direct burial: yes
- Machinery Area: yes
- Free from harmful substances: in accordance with the RoHS directive of the European Union

Number of cores x cross-section n x AWG	Largest single wire Ø mm	Outer -Ø +/- 5% mm	Cu-number kg/km	Article number
6 x 18	0,21	13,0	57,6	2177070180
7 x 18	0,21	13,0	67,2	2177070180
8 x 18	0,21	14,6	76,8	2177038180
3 x 16	0,26	10,0	43,2	2177030160
3 x 12	0,26	15,8	115,2	2177030120

Number of cores x cross-section n x AWG	Largest single wire Ø mm	Outer -Ø +/- 5% mm	Cu-number kg/km	Article number
4 x 12	0,26	17,0	153,6	2177034120

- Further formats available on request
- All data and products subject to change