







SSINK750GREEN PUR
According to BOSCH®
AWM Style 20233 (80°C / 300V)



General Construction

-  **Conductor:** **2x(2xAWG24)**
stranded bare copper wire (Class 6); nom. 0,25mm² - AWG24; nominal diameter 0,62mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
- 2xAWG21**
stranded bare copper wire (Class 6); nom. 0,50mm² - AWG21; nominal diameter 0,93mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
-  **Insulation:** **2x(2xAWG24)** PP compound; nominal diameter 1,15mm
2xAWG21 PP compound; nominal diameter 1,55mm
-  **Color Cores:** **2x(2xAWG24)** (red-black – grey-pink)
2xAWG21 (white – brown)
- Assembly:** **2x(2xAWG24) + 2xAWG21** stranded together around a fibrous filler
2x(2xAWG24) four cores twisted in two pairs with appropriate lay
-  **Shield:** Braid type; tin copper wire; nominal optical coverage 85%
DW: tin copper; 0,25mm² / 24AWG; under braid screen
-  **Protective Tape:** First: nonwovens tape (TNT) over total assembly
Second: nonwovens tape (TNT) over total screen
-  **Sheath:** Outer sheath: PUR (ether base), 90 ShA; diameter 7,30 ±0,20mm
Colour: green; conform to UL Style 20233

Technical data



Nominal Voltage: 300Vrms



Test Voltage: 1500 V x 1 min (C/C) - 1200 V x 1 min.(C/S)



Temperature: -40°C to +80°C (Fixed) - 25°C to +80°C (Flexible)

Electric Resistance: (AWG21): 39,9 Ω/Km (IEC 60344)
(AWG24): 85,8 Ω/Km (IEC 60344)



Oil Resistance: According to UL758



Flame Resistance: UL Cable Flame Test; CSA FT1; IEC 60332-1-2

Movement Data



Bending cycles: 5 Mio (10 Mio bends)



Bending radius: 5 x D (Fixed) - 7,5 x D (Flexible)



Speed (horizontal): 300 m/min



Acceleration: 10 m/sec²



Torsion: +-180°/m (optimal recommended ±30 °/m)

Approval



Halogen-free: CEI EN 60754-1 / VDE 0482-754-1



UV Resistance according to UL 1581 - Silicone, Pb, FCKW free

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Name	Cable type	Ø mm	Tolerance
SSINK750GREEN	2 x (2 x 0,25) + 2 x 0,25	7,3	±0,20 mm

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