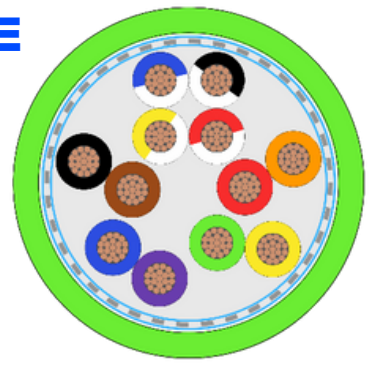




FEEDBACK MOBILE SIEMENS



SSSIEMENS1BD21 PUR
According to SIEMENS® 6FX8008
AWM Style 20233 (80°C / 300V)



General Construction

-  **Conductor:** **4x(2xAWG22)**
Stranded tin copper wire 0,16mm; nom. 0,38mm²- AWG22;
nominal diameter 0,80mm. Lay agree with UL 758 tab 5,9;
conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
- 4xAWG20**
Stranded tin copper wire 0,19mm; nom. 0,54mm² - AWG20;
nominal diameter 0,95mm. Lay agree with UL 758 tab 5,9;
conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
-  **Insulation:** **4x(2xAWG22)** PP compound; nominal diameter 1,30mm
4xAWG20 PP compound; nominal diameter 1,30mm
-  **Color case:** **4x(2xAWG22)** red-orange – green-yellow – blue-violet –
black-brown
4xAWG20 white/black – white/red – white/yellow – white/blue
- Assembly:** **4x(2xAWG22)** eight cores twisted into four pairs
4xAWG20 four cores twisted in quad
4x(2xAWG22) + 4xAWG20 stranded together around a filler;
other fillers could be used for better roundness; lay acc. to UL758
-  **Shield:** Braid type; tin copper wire; nominal op.cal coverage 85%
-  **Protective Tape:** First: PET tape over total assembly; nonwovens tape (TNT) over PET tape
Second: PET tape over total screen
-  **Sheath:** Outer shetah: PUR (ether base), 90 ShA; diameter 9,10 ±0,40mm;
conform to UL Style 20233
Colour: green RAL 6018

Technical data



Nominal Voltage: 300Vrms



Test Voltage: 500 Vrms x 1min (f=50Hz)



Temperature: -40°C to +80°C (Fixed) - 20°C to +80°C (Flexible)

Conductor Resistance: (AWG22): 56,4 Ω/Km (IEC 60344)

(AWG20): 39,3 Ω/Km (IEC 60344)



Oil Resistance: According to UL758



Flame Resistance: UL Cable flame test; CSA FT1; IEC 60332-1

Movement Data



Bending cycles: 10 Mio (20 Mio bends)



Bending radius: 4 x D (Fixed) - 7,5 x D (Flexible)



Speed: 300 m/min



Acceleration: 50 m/sec²

Approval



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



UV-resistant - Silicone, Pb, Cd, Hg, FCKW free

Hydraulic fluid, coolant emulsifier, alkali: resistant to a large extent



Name	Cable type	Ø mm	Tolerance
SSSIEMENS1BD21	4 x (2 x 0,38) + 4 x 0,54	9,1	±0,40 mm

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