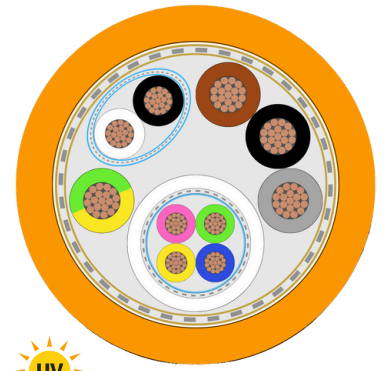




SERVO SIEMENS OCC S210






SPHYBRID1BE11 PUR






AWM Style 21223 (80°C / 1000V)








General Construction 4xAWG16

-  **Conductor:** Stranded tin copper wire (Class 6); nom. 1,50mm² - AWG16; nominal diameter 1,50mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500E-Cu 58
-  **Insulation:** Polyolefin compound; nominal diameter 2,4mm
-  **Color Cores:** Brown printed (U/L1/C/L+) – black printed (V/L2) – grey printed (W/L3/D/L-) – green/yellow

General Construction 1x(4xAWG26)C – EtherNet

-  **Conductor:** Stranded bare copper wire (Class 6); nom. 0,15mm² - AWG26; nominal diameter 0,50mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN40500 E-Cu 58
-  **Insulation:** Polyolefin compound; nominal diameter 1,15mm
-  **Color Cores:** Blue – yellow – pink – green
-  **Shield:** Al/PET tape (aluminium face outside); nominal optical coverage 100% + braid type; tin copper wire; nominal optical coverage 85%
-  **Protective Tape:** Tape over assembly
- Assembly:** Four cores stranded together

General Construction 1x(2xAWG16)C

-  **Conductor:** Stranded tin copper wire (Class 6); nom. 1,50mm² - AWG16; nominal diameter 1,50mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500 E-Cu 58
-  **Insulation:** Polyolefin compound; nominal diameter 2,4mm
-  **Color Cores:** White – black
-  **Shield:** Braid type; Un copper wire; nominal optical coverage 85%
- Protective Tape:** Tape under and over screen
-  **Assembly:** Two cores twisted together

Assembly

1x(4xAWG26)C + 1x(2xAWG16)C + 4xAWG16 stranded together around a central filler;
some fillers could be used for a better roundness

Screen

Braid type; tin copper wire; nominal optical coverage 85%

Sheath

Outer sheath: PUR (ether base), 90 ShA; diameter 12,50 ±0,30 mm

Colour: Orange similar RAL 2003; conform to UL Style 21223

Protective Tape

Tape under and over total screen

Movement Data @20°C



Bending cycles: up to 5Mio (10 Mio stroke)

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

Technical data



Nominal Voltage: 1000 Vrms



Test Voltage C/C: 4000 V x 1 min.



Temperature: -50°C to +80°C (Fixed) - 30°C to +80°C (Flexible)



Oil Resistance: According to UL758

Electric resistance: (AWG16): 14,10 Ω/Km (IEC 60344)



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

Electrical - EtherNet Cat.5e

Test Voltage: (AWG26) 1000 V x 1 min.

Electric resistance: (AWG26) 127,30 Ω/Km (IEC 60344)

Characteristic impedance: 100Ω ±15Ω

Capacitance: 55 pF/m ±15 pF/m

Capacitance (Core/Screen): 105 pF/m ±15 pF/m

Nominal inductance: 0,5 μH/m

Approval



Halogen free according to CEI EN 60754-1 / VDE 0482-754-1



Silicone, Pb, FCKW free

Name	Cable Type	Ø mm	Tolerance
SPHYBRID1BE11	4 x 1,5 + 1 x (2 x 1,5) + 1 x (4 x 0,15)	12,5	±0,30 mm

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