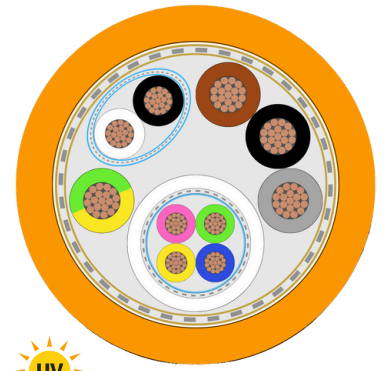




SERVO SIEMENS OCC S210



SPHYBRID1BE04 PUR

AWM Style 21223 (80°C / 1000V)



General Construction 4xAWG22



Conductor: Stranded Un copper wire (Class 6); nom. 0,34mm²- AWG22; nominal diameter 0,80mm; 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 1,5mm



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(2xAWG22)



Conductor: Stranded tin copper wire (Class 6); nom. 0,34mm² - AWG22; nominal diameter 0,80mm; VDE 0295. Lay agree with UL 758 tab 5,9; conform to EN 13602 - ETP1, DIN 40500E-Cu 58



Insulation: Polyolefin compound; nominal diameter 1,3mm



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(2xAWG22)C + 4xAWG22 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 9,70 ±0,20 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: 300 Vrms



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



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



Oil Resistance: According to UL758

Electric resistance: (AWG22): 65,30 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
SPHYBRID1BE04	4 x 0,34 + 1 x (2 x 0,34) + 1 x (4 x 0,15)	9,70	±0,20 mm

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