



Reference: 10553213

CONTACT

Market information
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Servo cables with control pair according to SIEMENS standard 6FX5008 for fixed installation, PVC jacket, shielded, resistant to oils, flame retardant

STANDARDS

Product UL and CSA approval

DESIGN

- Conductor**
Bare copper
- Core insulation**
from 1,5 to 6 mm²:
Polyolefin
- Core stranding**
Power cores stranded with fillers
- Core identification**
Power: Black num + Yellow / Green
Signal: Black - White
- Shield**
Total shield:
Tinned copper braid,
coverage >= 85%
- Jacket**
PVC
Colour:
Orange RAL 2003

NORMATIVE REFERENCES

- Oil resistant**
IEC 50363-4-1
- Flame retardant**
IEC 60331-2-1; FT1; UL 1581; EN 50265-2-1

CHARACTERISTICS

Construction characteristics

Construction type	(4G6 + (2x1.5)C)C
Conductor material	Bare copper



Operating temp.
-10 ... 80 °C



Storage temperature, range
-20 ... 80 °C



Oil resistance
EN 50363-4-1



Flame retardant
IEC/EN 60332-1-2; FT1; UL 1581 FT1

Construction characteristics

Insulation	Polyolefin
Insulation colour	Power: Black - White marking U/L1/C/L+ V/L2 W/L3/D/L- Yellow/ Green; Signal: Black+White
Lay Up	power cores and control pairs stranded with filler
Taping	Fleece Tape
Shielding	85% tinned copper braid - optical coverage
Outer sheath	PVC
Sheath colour	Orange RAL 2003

Dimensional characteristics

Nominal outer diameter	16.8 mm
Copper content	386 kg/km
Approximate weight	465 kg/km

Electrical characteristics

Rated Voltage Uo/U	0.6/1 kV
Test voltage	4000 V

Mechanical characteristics

Maximum acceleration	2 m/s ²
Bending cycles	.1 Mio.
Speed	30 m/min

Usage characteristics

Field of application	Fixed installations
Minimum dynamic operating bending radius	15 (xD)
Operating temperature, range	-10 ... 80 °C
Storage temperature, range	-20 ... 80 °C
Oil resistance	EN 50363-4-1
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1



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Oil resistance
EN 50363-4-1



Flame retardant
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