19x1.5/4 mm^2 N2XCY Shielded Electric Power Cable

Part Number: **3691519106**

Applications:	Power and control, 90°C applications, Low voltage power
General Construction:	19 Insulated wires are cabled together and sheathed. A metallic screen of copper wires and copper tape is applied on the cable and outer jacketed.
Outer Jacket Material:	FR-PVC ST2 per IEC 60502
Outer Diameter:	23.0 mm nom.
Weight:	745 kg/km

Design & Materials

Conductor Material:	Annealed Bare Copper
Conductor Cross Section:	1.5 mm²
Conductor Construction:	7x0.53 mm
Insulation Material:	XLPE
Insulation Thickness:	0.75 mm
Insulation O.D.:	3.1 mm nom.
Conductor Color Code:	Gray, Numbered
Inner Jacket Material:	FR-PVC ST2 per IEC 60502
Inner Jacket Thickness:	1.2 mm nom.
Inner Jacket Color:	Black
Total number of conductors:	19
Outer Jacket Thickness:	1.8 mm nom.
Outer Jacket Color:	Green
Marking:	Teldor Standard

Standards

Applicable Standards:	IEC 60228, SI 1516
Flammability Rating:	IEC 60332-3 , IEEE 383

Performance

Max. DC Resistance :	12.1 Ω/km@20°C
Max. Screen Resistance:	4.61 Ω/Km @20°C
Dielectric Strength:	3400 V/10 minutes
Voltage Rating:	1000 V
Min. Bend Radius:	230 mm
Max. Operating Temperature:	+90 °C
Min. Operating Temperature:	-50 °C
UV Resistance:	Yes

Prepared By	Revised By	Version Num	Modified on
Dov Shaham	Roee Ran	2.14	29-05-2013

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