

# 7x6 mm<sup>2</sup> Shielded Electric Power Cable POWER & CONTROL P/N 369C607106

## INDUSTRY

### Applications

Low voltage power, Power and control, 90°C applications



Outer Jacket Material  
FR-PVC ST2 per IEC 60502



Outer diameter  
20.5 mm nom.



Weight  
725 kg/km



### General Construction

7 Insulated wires are cabled together and sheathed. A metallic screen of copper/polyester tape is applied on the cable and outer jacketed.

### Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Cross Section (mm <sup>2</sup> )	6.0
Conductor Construction	7x1.04 mm
Insulation Material	XLPE
Insulation Thickness (mm)	0.8
Insulation O.D. (mm nom)	4.65
Conductor Color Code	Black, Numbered
Overall Shield Design	100% Coverage
Overall Shield Material	Copper/Polyester Foil
Overall Drain-wire Material	Annealed Tinned Copper
Overall Drain-Wire Size (AWG)	16
Overall Drain-wire Construction	Stranded
Inner Jacket Material	FR-PVC ST2 per IEC 60502
Inner Jacket Thickness (mm nom)	1.2
Inner Jacket Color	Black
Total Number Of Conductors	7
Outer Jacket Thickness (mm nom)	1.8
Outer Jacket Color	Green
Marking	Teldor Standard

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**Performance**

Max. DC Resistance (Ω/km@20°C)	3.08
Dielectric Strength to Shield (V/minute)	1000
Dielectric Strength (V/10 minutes)	3400
Voltage Rating (V)	1000
Min. Bend Radius (mm)	Dx6
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+90
UV Resistance	Yes

**Installation** Guidelines as per IEC TR 62263

**Standards**

Flammability Rating  
 IEC 60332-3  
 IEEE 383

Applicable Standards  
 IEC 60228  
 RoHS 3 2015/863/EU



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