

**27x1.5/6 mm<sup>2</sup> N2XCH Shielded Electric Power Cable  
BC/CL2/XLPE/HFFR/C/HFFR/600V/80C  
POWER & CONTROL  
P/N 3691927106**

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**Applications**

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



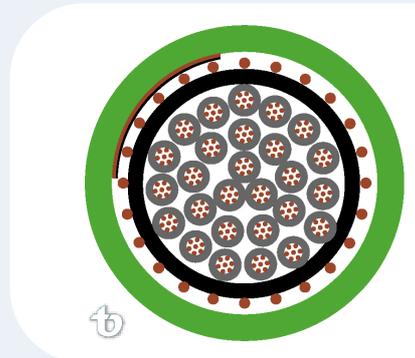
Outer Jacket Material  
FR-LSZH



Outer diameter  
26.5 mm nom.



Weight  
1010 kg/km



**General Construction**

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

**Design & Materials**

Conductor Material	Annealed Bare Copper
Conductor Cross Section (mm <sup>2</sup> )	1.5
Conductor Construction	7x0.53 mm
Insulation Material	XLPE
Insulation O.D. (mm nom)	3.1
Conductor Color Code	Gray, Numbered
Inner Jacket Material	HFFR
Inner Jacket Thickness (mm nom)	1.2
Inner Jacket Diameter (mm nom)	21.6
Inner Jacket Color	Black
Total Number Of Conductors	27
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)	12.1
Max. Screen Resistance (Ω/Km @20°C)	3.08
Dielectric Strength (V/minute)	3500 V
Voltage Rating (V)	600/1000
Min. Bend Radius (mm)	Dx12
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+80
UV Resistance	Yes

**Standards**

Flammability Rating  
 IEC 60332-1  
 IEEE 383

Applicable Standards  
 IEC 60228  
 SI 1516



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