

# 12x4/10 mm<sup>2</sup> NHCH Shielded Electric Power Cable

## BC/CL2/HFFR/NHCH/600V/80C

### POWER & CONTROL

**P/N 369H412101**

#### INDUSTRY

## Applications

Power and control, Low voltage power, Underground Installations, Permitted for Exposed Run (ER) used in accordance with NEC



Outer Jacket Material  
HFFR



Outer diameter  
27.0 mm nom.



Weight  
1260 kg/km



## General Construction

12 Insulated wires are cabled together and jacketed. A metallic screen of copper wires + copper tape and outer jacket completes the cable structure.

## Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Cross Section (mm <sup>2</sup> )	4.0
Conductor Construction	7x0.86 mm
Insulation Material	HFFR
Insulation O.D. (mm nom)	4.6
Conductor Unit Identification	Numbered
Conductor Color Code	Black
Overall Shield Design	Copper Foil + Served Copper Wire
Inner Jacket Material	HFFR
Inner Jacket Thickness (mm nom)	1.2
Inner Jacket Diameter (mm nom)	22.0
Inner Jacket Color	Black
Total Number Of Conductors	12
Outer Jacket Thickness (mm nom)	1.8
Outer Jacket Color	Black
Marking	Teldor Standard

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#### Performance

Max. DC Resistance (Ω/km@20°C)	4.61
Max. Screen Resistance (Ω/Km @20°C)	2.0
Dielectric Strength (V/minute)	3500
Voltage Rating (V)	600
Min. Bend Radius (mm)	Dx10
Min. Operating Temperature (°C)	-30
Max. Operating Temperature (°C)	+80
UV Resistance	Yes

#### Installation

Guidelines as per IEC TR 62263

#### Standards

Flammability Rating  
 IEC 60332-3

Applicable Standards  
 IEC 60502-1  
 IEC 60228  
 SI 1516



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