

# Control 450/700V Fire Resistant 2x4.0 mm<sup>2</sup> Unshielded And Armored HFFR Cable

## POWER & CONTROL

### P/N 3340AP2109

#### INDUSTRY

### Applications

Electric internal wiring, Power, lighting and control, Portable electrical equipment, Indoor & Outdoor Use, Fixed or Portable Installation



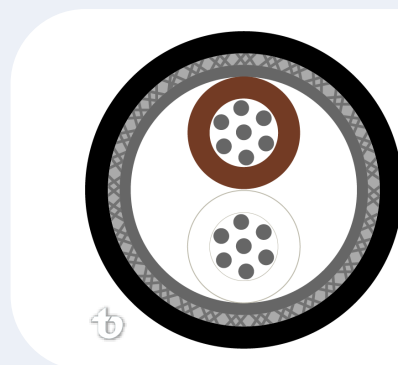
Outer Jacket Material  
HFFR



Outer diameter  
16.9 mm nom.



Weight  
411 kg/km



### General Construction

2 insulated flexible wires are cabled together and inner jacketed.

A Steel Braid Armor followed by an outer jacket completes the cable structure.

### Design & Materials

Conductor Material	Annealed Tinned Copper
Conductor Cross Section (mm <sup>2</sup> )	4.0
Conductor Construction	56x0.30 mm
Insulation Material	HFFR + Fire Resistant Tape
Insulation Thickness (mm)	0.8
Insulation O.D. (mm nom)	4.9
Conductor Color Code	White, Brown
Binder	Polyester
Inner Jacket Material	HFFR
Inner Jacket Thickness (mm nom)	1.0
Inner Jacket Color	Gray
Armoring	Served Galvanized Steel Wire
Total Number Of Conductors	2
Outer Jacket Thickness (mm nom)	1.8
Outer Jacket Color	Gray
Marking	Per request

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#### Performance

Max. DC Resistance (Ω/km@20°C)	5.09
Dielectric Strength (V/minute)	3500
Voltage Rating (V)	450/700
Min. Bend Radius (mm)	Dx8
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+80
UV Resistance	Yes
Fire Resistance	Yes
Rodent Resistance	Yes

#### Standards

Flammability Rating  
 IEC 60331-21  
 IEC 60332-1  
 IEC 60332-3  
 IEC 60754  
 IEC 61034

Applicable Standards  
 IEC 60228  
 RoHS 3 2015/863/EU



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Version 1.3 | Last update: 2021-05-09