

# 8x2x1.5 mm<sup>2</sup> Li2Y(PiMF)CH Control Cable

## BC/CL5/PE/SFTP/HFFR/300V/70C

### POWER & CONTROL

#### P/N 38215S8101

#### INDUSTRY

### Applications

Power and control, Electric internal wiring, Portable electrical equipment



Outer Jacket Material  
HFFR



Outer diameter  
23.5 mm nom.



Weight  
645 kg/km



### General Construction

8 individual polyester/aluminum foil shielded twisted pairs are cabled together, overall TC braid shielded and jacketed.

### Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Cross Section (mm <sup>2</sup> )	1.5
Conductor Construction	28x0.25 mm
Insulation Material	PE
Insulation Thickness (mm)	0.7
Insulation O.D. (mm nom)	3.0
Color Code	Per DIN 47100
Ind. Shield Material	Aluminum/Polyester Foil
Ind. Shield Design	100% Coverage
Ind. Shield Thickness (μ)	23
Drain-Wire 1 Material	Annealed Tinned Copper
Drain-Wire 1 Construction	Solid
Drain-Wire 1 Size (AWG)	24
Overall Braid Material	Annealed Tinned Copper
Braid Coverage (% nom)	85
Total Number Of Conductors	16
Total Number Of Conductor Units	8
Outer Jacket Thickness (mm nom)	1.6
Outer Jacket Color	Black

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Marking

Per request

### Performance

Max. DC Resistance (Ω/km@20°C)	13.3
Dielectric Strength (V/minute)	2000
Dielectric Strength to Shield (V/minute)	1000
Voltage Rating (V)	300
Min. Bend Radius (mm)	DX6
Min. Operating Temperature (°C)	-30
Max. Operating Temperature (°C)	+70

### Standards

Flammability Rating  
 EN 60754  
 IEC 60332-1  
 UL 1581 VW-1

Applicable Standards  
 IEC 60228  
 RoHS 3 2015/863/EU



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