

2x4.0 mm² OBS HFFR Electrical Power Cable POWER & CONTROL P/N 37H4002101

INDUSTRY

Applications

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



Outer Jacket Material
FR-LSZH



Outer diameter
12.7 mm nom.



Weight
245 kg/km



General Construction

2 insulated wires are cabled together, overall braid shielded and jacket.

Design & Materials

Conductor Material	Annealed Bare Copper
Conductor Construction	7x1.04 mm
Insulation Material	XLPE
Insulation Thickness (mm)	0.7
Insulation O.D. (mm nom)	4.1
Conductor Unit Identification	Numbered
Conductor Color Code	Black
Binder	Polypropylene
Overall Shield Material	Bare-copper braid
Braid Coverage (% nom)	90
Total Number Of Conductors	2
Outer Diameter (mm nom)	12.7
Outer Jacket Thickness (mm nom)	1.8
Outer Jacket Color	Black
Marking	Teldor Standard
Outer Jacket Material	FR-LSZH
Conductor Cross Section (mm ²)	4.0

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Performance

Max. DC Resistance (Ω/km@20°C)	4.61
Dielectric Strength to Shield (V/minute)	1500
Dielectric Strength (V/15 minutes)	3500
Voltage Rating (V)	600/1000
Min. Bend Radius (mm)	DX6
Min. Operating Temperature (°C)	-40
Max. Operating Temperature (°C)	+80
UV Resistance	Yes

Installation Guidelines as per IEC TR 62263

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Standards

Flammability Rating
 IEC 60332-3
 IEEE 383

Applicable Standards
 IEC 60228
 RoHS 3 2015/863/EU
 SI 1516

