

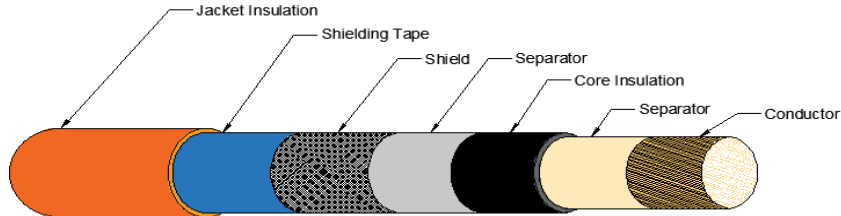


## High Voltage Shielded Battery Cable

50mm<sup>2</sup> EP4R

1000V AC OR 1500V DC

150°C XLPO Insulation / 150°C XLPO Jacket , Thin Wall



\* Graphic for representation purposes only

### Conductor

Size:	50 mm <sup>2</sup>
Number of Strands:	1615
Strand Diameter, Max:	0.21 mm
Conductor Diameter, Max:	10.50
Resistance, Max:	0.368 mΩ/m at 20° C
CSA mm <sup>2</sup> , Min.:	46.9
CSA mm <sup>2</sup> , Max.:	50.6
Conductor:	Bare Copper
Separator:	Physical Separator

### Insulation

Insulation material:	150°C XLPO
Min Wall:	0.71 mm ( 0.028 in )
Nom Wall:	0.89 mm ( 0.035 in )
Diameter, Min:	11.00 mm ( 0.433 in )
Diameter, Max:	12.20 mm ( 0.480 in )
Strip force:	Strip Readily
Separator:	Physical Separator

### Shield

Shield Material	Tinned Copper
Strand Diameter, Max:	0.21 mm ( 0.008 in )
Diameter Over Shield, Max	13.0 mm ( 0.512 in )
Separator:	Physical Separator

### Jacket

Jacket material:	150°C XLPO
Min Wall:	0.88 mm ( 0.035 in )
Nom Wall:	1.10 mm ( 0.043 in )
Diameter, Min:	14.60 mm ( 0.575 in )
Diameter, Max:	15.20 mm ( 0.598 in )
Strip force:	Strip Readily

### Print Legend:

Print Legend:	NA
Ink Color:	NA
Temperature Rating:	-40°C to 150°C
Packaging:	Reels
Specifications:	ISO: 19642-9 (Jacket, Thin Wall, Temp Class D) ISO: 19642-5 (Core, Thin Wall, Temp Class D)

Part Number:	RoHS compliant 158444-218
Color:	Orange
Core Insulation Color:	Black
Bend Radius, Min:	5X OD (Static Installation)
Bend Radius, Min:	10X OD (Dynamic Installation)

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