



**Part Number: B617OCU03**  
3C4mm<sup>2</sup> XLPE/LSZH 0,6/1 (1,2) kV

## Product Description

Electric Cable, 3 Cores 4mm<sup>2</sup> Bare Copper, XLPE Insulation, LSZH Outer Jacket, IEC 60502-1

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

Area	Material	No. of Conductors
4 mm <sup>2</sup>	BC-Bare Copper (Stranded)	3

#### Insulation

Material
XL-PE

#### Color Chart

No. of Conductors	Color
3	Black & Yellow/Green, All black cores with number coding 1~2

#### Overall Shield or Un-shield Material

Type	Material	Coverage [%]
Tape	Polyester Tape	100 %

#### Outer Jacket Material

Material	Nominal Diameter
LSZH	12.3 mm

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR @ 20 °C
4.95 Ohm/km

#### Voltage

Voltage Rating	0,6/1 (1,2) kV
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#### Temperature Range

Operating Temp. range	-30 °C To + 90 °C (EN)
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### Mechanical Characteristics

Bulk Cable Weight	229 kg/km
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### Standards

Cable Standards	IEC 60502-1
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### Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV)	Yes
EU Directive 2003/96/EC (BFR)	Yes
EU Directive 2011/65/EU (ROHS II)	Yes
EU Directive 2012/19/EU (WEEE)	Yes
EU Directive 2015/863/EU	Yes
EU CE Mark	Yes
CA Prop 65 (CJ for Wire and Cable)	Yes
MII Order 39 (China RoHS)	Yes

### Suitability

Suitability - UV Resistance	Yes (UL 1581)
Suitability - Oil Resistance	Yes

### Flammability, LSZH, Toxicity Testing

ISO/IEC Flammability	IEC 60332-3-22 , IEC 60332-1-2
Smoke Density as per IEC 61034-2	60% (Min. Light Transmittance %)
Halogen Acid Gas as per IEC 60754-1	<= 0.5 %
pH Content as per IEC 60754-2	>= 4.3
Conductivity as per IEC 60754-2	<= 10 $\mu$ S/mm

### History

Update and Revision	Revision number: 0 Revision Date: 7-4-2020
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