



**Product:** [I2331FF01](#)

1 PR 1mm<sup>2</sup> Str BC, PVC Ins, OS, PVC Jkt

## Product Description

1 Pair 1mm<sup>2</sup> Stranded Bare Copper, PVC Insulation, Overall Foil Shield, PVC Jacket

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

AWG	Stranding	Material	No. of Pairs
1 mm <sup>2</sup>	Stranded	BC - Bare Copper	1

#### Insulation

Material
PVC - Polyvinyl Chloride

#### Color Chart

Number	Color
Pair #1	White #1 & Black #1

#### Outer Shield Material

Material	Drainwire Material
Bi-Laminate (Alum+Poly)	Stranded Tinned Copper

#### Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	5.8 mm

### Electrical Characteristics

#### Conductor DCR

Max. Conductor DCR
18.1 Ohm/km

#### Capacitance

Element	Max. Mutual Capacitance
@ 1KHz	250 pF/m

#### Voltage

Voltage Rating [V]
300 V

### Temperature Range

Operating Temp Range:	EN: -30°C to +70°C UL: -30°C to +90°C
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### Mechanical Characteristics

Oil Resistance:	Yes
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## Standards

Other Compliance:	BS EN 50288-7
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## Suitability

Suitability - Oil Resistance:	Yes
Suitability - Sunlight Resistance:	Yes - Black only

## Flammability, LS0H, Toxicity Testing

IEC Flammability:	60332-1
Fire Resistance (Time to Failure) Compliance:	IEC 60332-1

## History

Update and Revision:	Revision Number: 0.2 Revision Date: 11-12-2020
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