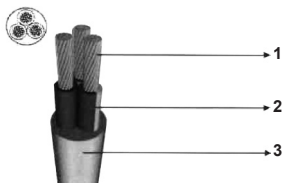




## Specifications

Voltage Rating	: 300/500 V
Max. Operating Temperature	: +70°C
Short Circuit Temperature	: 160°C
Min. Installation Radius	: 6D
Standards	: Generally To BS 6500 & BS 7919

## Diagram



### 1. Conductor

Flexible copper class 5, complying with EN 60228.

### 2. Insulation

PVC type TI 5 complying with BS EN 50363-3:2005 or T14 complying with BS EN 50363-3:2005.

### 3. Sheath/Jacket

PVC material conforming to the requirements for TM 4 specified in BS EN 50363-4- 1:2005 or Type 10 specified in BS 7655-4-2.

### Core Identification

Three Cores : Green/Yellow, Blue, Brown

Part Number	Number and Cross-Sectional Area of conductors	Thickness of Insulation	Thickness of Over sheath	App. Overall Diameter	Total Weight	Current Carrying Capacity in Air	Max. Conductor DC Resistance at 20°C
	mm	mm	mm	mm	kg	A	(Ω/km)
PELB0842	3×1.5	0.7	0.9	8.1	15.3	20	13.3
PELB0846	3×2.5	0.8	1	9.7	18.4	27	7.98

## Part Number Table

### Note

Properties of plastic material used for arctic grade match to standards specified in both BS 7919 and EN 50363

Description	Part Number
Multicore Cable, Unscreened, 3 Core, 16 AWG, 1.5mm <sup>2</sup> , 50m	PELB0842
Multicore Cable, Unscreened, 3 Core, 13 AWG, 2.5mm <sup>2</sup> , 50m	PELB0846

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