

# Ground Earth Cable 1×6mm<sup>2</sup>

## 1. Construction

Conductor: Bare copper  
Insulation : PVC

## 2. Applicable Standard

IEC 60228 JB8734-1998

## 3. Identification Mark

450/750 1×6mm<sup>2</sup> DATE (YY/MM) (according to customer's requirement/)



## 4. Construction and Properties

Area/ n×mm <sup>2</sup>	Construction/ n/mm	Conductor dia./ mm	Insulation Thickness mon./ mm	Insulation Colour/ mm	Over dia./ mm	Resistance Conductor max./ Ω/km
1×6	31/0.50	3.20	1.0	Yellow/Green	5.2±0.20	3.08

Wire class 5 in accordance to IEC / EN 60228(DIN VDE 0295)

## 5. Electrical and Mechanical Characteristics

Rated voltage	DC 2500V,5min (AC / DC available)	
Insulation Resistance at 20°C	≥6800 Ω·km	
Before Aging	Tensile Strength	≥9.0 N/mm <sup>2</sup>
Before Aging	Elongation	≥125%
Ambient temperature	-20°C~+90°C	
Bending radius	6×D	

## 6. Standard dimensions

Standard length: 100m/200m /500m /reel, 1000m /2000m /3000m/drum