



## Application

Power and signal distribution cable for fixed installation, primarily for direct burial in the ground, and also suitable for installation indoors and outdoors, in cable ducts, troughs, and concrete. Intended for use in power generation facilities, electrical installations, industrial plants, urban distribution networks, and for connection of signaling equipment in industrial and traffic control systems. The cable is designed to withstand mechanical stress and increased tensile load, and is suitable for inclined or vertical installation, including in areas subject to ground movement or landslide risk.

## Construction

**Conductors** Al, class 2 according to EN 60228  
**Insulation** XLPE compound  
**Bedding** PVC compound  
**Armour** Layer of round aluminium wires  
**Sheath** PVC compound  
**CPR** Eca

## Standards

**Based on** BS 5467 & IEC 60502-1  
**Flame propagation** EN 60332  
 AD7 submersible

## Technical Characteristics

**Voltage rating (U<sub>0</sub>/U)** 1,8/3kV  
**Testing voltage** 6,5kV  
**Temp. for cable laying** 0°C to 40°C  
**Max. working temperature** -15°C do 90°C  
**Max. short-circuit temperature** 250°C  
**Min. bending radius** 20D  
**Flame propagation** EN 60332

## Regulatory Compliance



Cross-Sectional Area	Conductor Shape	Max resistance at 20 °C	Current capacity in air	Current capacity in earth	Outer Diameter (approx.)	Metal weight (AL)	Cable weight (approx.)
1x150	RM	0.206	431	476	25.7	435	1129
1x185	RM	0.164	501	541	28.2	536.5	1300
1x240	RM	0.125	600	631	31.9	696	1542
1x300	RM	0.100	696	716	35.9	870	1804
1x400	RM	0.0778	821	825	39.1	1160	2357



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- IEWC promotes sustainable practices by our suppliers
- Copper Mark promotes seven of 17 UN Global Sustainability Goals
- Copper Mark recipients cover
- 20% of global copper production

