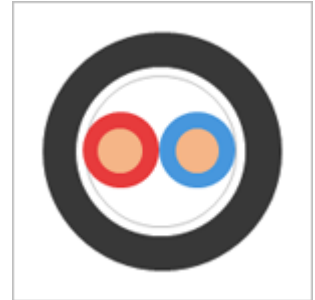
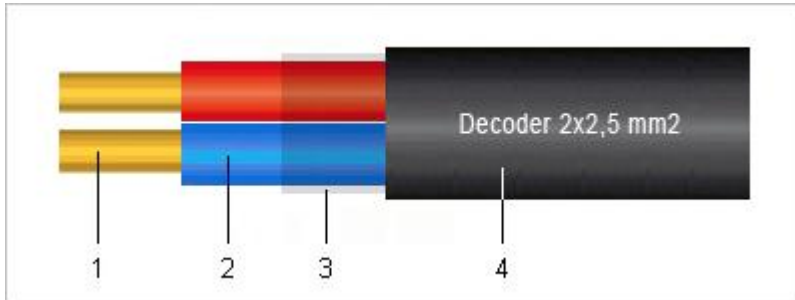


# DATASHEET

## Decoder 2x2,5 mm<sup>2</sup> Irrigation cable



### Structure

- > 1 Solid copper conductor
  - > 2 PVC core insulation
  - > 3 Cores twisted to a pair (*Twisting direction Z axis*)
  - > 3 Polyester plastic (*PET*) foil wrapping over the cores
  - > 4 Halogen-free polyolefin (*PE*) outer sheath, UV resistant, black colour
- RAL 9004 with imprint:  
 "Decoder 2x2,5 mm<sup>2</sup> Irrigation Cable, Lot number, Meter number"

### Dimensions

Conductor structure nominal	Outer Ø nominal <i>mm</i>	Conductor resistance at 20 °C <i>Ω/km</i>	CU weight nominal <i>kg/km</i>	Weight approx. <i>kg/km</i>
2x1,75 mm (2x2,5 mm <sup>2</sup> )	9,2	<7,5	46	114

### Application


Irrigation cable is used as power and control cable in electrically controlled irrigation systems.

Suitable for use in direct underground applications.

# DATASHEET

## Decoder 2x2,5 mm<sup>2</sup> Irrigation cable

### Properties

- > Solid bare copper conductors, PVC insulated cores, UV resistant polyethylene (PE) outer sheathed cable.
- > Cable is in accordance with standards:
  - EN 50575:2014 reaction to fire;
  - EN 13501-6 fire classification;Made according to specification of irrigation system producers.
- > Core insulation colours are red and blue or could be black and white as well as red and black.
- > The special characteristic of this irrigation cable is the UV resistant polyethylene (PE) outer sheath allows installation this cable into the earth.
- > The irrigation cable is REACH compliant as well as meeting the requirements of other legislation such as the RoHS Directive. The materials used in this cable are cadmium-free and contain no silicone and do not represent health hazards and minimize the environmental impact.
- >  Product meets all the legal requirements for CE marking and can be sold throughout the European Economic Area (EEA).

### Technical data

Peak working voltage:	48 V
Test voltage:	800 V eff. (core/core, AC 50 Hz)
Temperature range:	Fixed installation -30 °C to +70 °C
Insulation resistance:	Min. 100 MΩ x km
Mutual capacitance:	At 800 Hz max. 100 nF / km
Minimum bending radius:	Fixed installation 10 x cable Ø

### Packaging

In coil or drum.