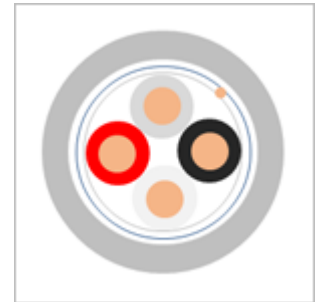
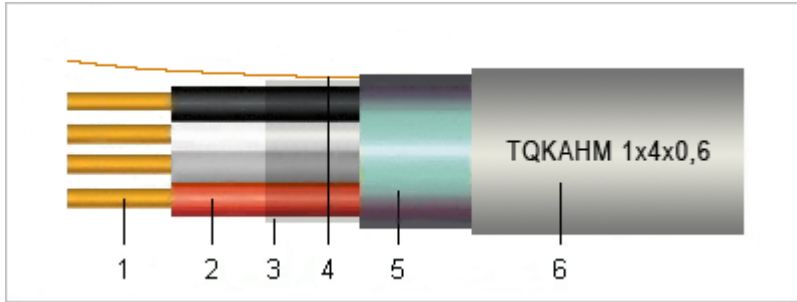


# DATASHEET

**TQKAHM** Telecommunication cable for indoor



**Structure**

- > 1 Solid bare copper conductor
- > 2 Halogen-free polyolefin (PE) core insulation
- > 3 Polyester plastic (PET) foil wrapping over the cores
- > 4 Solid plain copper drain wire
- > 5 Polyester plastic-coated aluminium (AL/PET) foil electrostatic screening
- > 6 PVC outer sheath, gray colour RAL 7035 with imprint:  
"TQKAHM 1x4x0,6 Telecommunication Cable, Lot number, Meter number"

**Dimensions**

Conductor structure nominal	Outer Ø nominal [mm]	Conductor resistance at 20 °C [Ω/100m]	CU weight nominal [kg/km]	Weight approx. [kg/km]
1x4x0,6 mm	5,0	<69,5	10,5	25

**Application**


Telecommunication cable is preferably used in indoor telecommunication systems, electronic equipments.

This cable is preferably used for indoor installation, but also in the open air for fixed installation on outer walls of buildings - provided it is protected against direct exposure to the sun.

# DATASHEET

## TQKAHM Telecommunication cable for indoor

### Properties

- > Solid bare copper conductors, polyethylene (PE) insulated cores, AL/PET foil screened, PVC outer sheathed cable.
- > Cable is in accordance with standards:
  - EN 50575:2014 reaction to fire;
  - EN 13501-6 fire classification;
- > AL/PET foil electrostatic screening protects the transmission circuits against external electrical interferences. The drain wire is in contact with the inner aluminum surface of the foil.
- > The telecommunication 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.
- > The product is conformed with the Low Voltage Directive (LVD) 2014/35/EU of the European Parliament and of the Council ensures that electrical equipment within certain voltage limits provides a high level of protection for European citizens.
- >  Product meets all the legal requirements for CE marking and can be sold throughout the European Economic Area (EEA).

### Technical data

Peak working voltage:	300 V
Test voltage:	1000 V eff. (Core/core, core/screening, AC 50 Hz)
Temperature range:	Fixed installation -30 °C to +70 °C
Insulation resistance:	Min. 10,000 MΩ x km
Mutual capacitance:	At 800 Hz max. 100 nF / km
Minimum bending radius:	Fixed installation 7,5 x cable Ø

### Packaging

In coil or drum.