

## SuperCAT 6 U/UTP 4p

Cat6 network cable, longitudinal water blocked



### GENERAL INFO

#### APPLICATION

SUPERCAT 6 U/UTP is a **longitudinal waterproof Cat 6 network cable**. The cable is used in computer networks, for Power over Ethernet, and 1 Gb/s Ethernet protocols, as direct-bury data cable, for access control, speak/listen connections and IP outdoor cameras. The cable is designed for industrial installations, OEM, shipbuilding, sustainable and renewable energy installations, infrastructural installations (rail and road), and telecommunication infrastructure, especially for outdoor use. The cable is suitable for underground installation.

The **longitudinal waterproof construction** ensures that water can only penetrate across a short distance in case of damage to the outer jacket. The bandwidth of the cable is **250 MHz**.

Provide additional mechanical protection in case of underground use.

No CPR-Class

Pairs are colour coded:

- Pair 1: a-conductor white and b-conductor blue
- Pair 2: a-conductor white and b-conductor orange
- Pair 3: a-conductor white and b-conductor green
- Pair 4: a-conductor white and b-conductor brown

In U/UTP a-conductor has also a tripe with a same colour as b-conductor  
50

Declaration of Performance (DoP)  
Identification of cores

Nominal voltage U [V]

### CERTIFICATIONS AND DESIGN STANDARDS

## RoHS

EN 50173-1

EN 50288-6-1

### CABLE DESIGN

Conductor

Copper

Conductor surface

Bare

Insulation

Polyethylene (PE)

Longitudinal water blocking cable

Yes

Outer sheath

Polyethylene (PE)

## APPLICATION PROPERTIES

Max. conductor temperature [°C]	60
Permitted cable outer temperature after assembling without vibration (min) [°C]	-40
UV resistant	Yes
Outdoor installation	Yes
Permitted cable outer temperature during assembling/handling (min) [°C]	-10
Underground installation	Yes
Minimum permissible bending radius during laying	8xD during installation, 4xD installed

## FIRE PROPERTIES

Halogen free	Yes
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## PRODUCT RANGE

PRODUCT NAME	Snro	EAN-code (GTIN)	DOP number	Packaging type	Standard delivery length
SuperCAT 6 U/UTP 4p PK305	0264020	4065624029307		Carton box	305

## MECHANICAL AND ELECTRICAL VALUES

Test voltage [kV]	1
Category	6
NVP value [%]	67

Product description (short)	Diameter over cable [mm]	Nominal operation capacitance [nF/km]	Characteristic impedance [Ohm]	Insulation resistance [MΩ·km]	Loop resistance [Ohm]	Weight [kg/km]	Min. permitted bending radius, during cable laying [mm]
SuperCAT 6 U/UTP 4p	7.2	48	100		176	55	