



## **LAN CABLE AWG 24 CAT.5E / CAT.6E**

- **UTP (unshielded)**
- **FTP (shielded)**

Eca

In accordance with the European Construction Products Regulation CPR (EU) n.305/11

### **Reaction to fire REGULATION 305/2011/EU**

- **Standard:** EN 50575:2014+A1:2016 and EN 13501-6:2014
- **Class:** Eca
- **Classification (IEC UNEL 35016):** EN 13501-6:2014
- **Vertical flame spread:** EN 60332-1-2

### **Test methods**

CEI EN 60332-1-2:2006/A1:2016  
CEI EN 60332-1-1:2006/A1:2016  
EN 60332-1-2:2004/A11:2016  
EN 60332-1-1:2004/A1:2015

### **Reference standards**

CEI 20-29 IEC 60228  
IEC 20-11  
CEI 20-35 IEC 60332.1  
CEI 20-22 II IEC 60332.3  
CEI 20/37 IEC 61034-2  
IEC UNEL 36762

### **Cable description**

Cables used for voice and data transmission between exchanges and peripherals in structured cabling systems in buildings. Flame retardant.

### **Conductor**

Matched pairs wrapped with polyester copper/aluminium tape

### **Insulation**

Polyethylene compound

### **Shielding by FTP type**

Aluminium/polyester tape overlaid with tinned copper continuity conductor

### **Sheath**

Flame resistant polyvinyl chloride (PVC) sheathing type RZ

### **Colour sheath**

White / Grey / Black

### **Labeling**

Stamping on insulation every 1m

### **Technical specifications**

**Operating voltage:** 300/500 V

**Test voltage:** 1500 V

**Operating temperature:** -10 / +70 °C<sub>ù</sub>

**Maximum loop resistance at 20°C:** 16.8 OHM/km  
**Maximum mutual capacitance at 1 KHz:** 49 nF/Km  
**Bending radius:** 25 (UTP) / 28 (FTP)

**Packaging**

- Hanks 100 metres
- Cardboard boxes 305 metres
- Cardboard/plastic/wood reels