

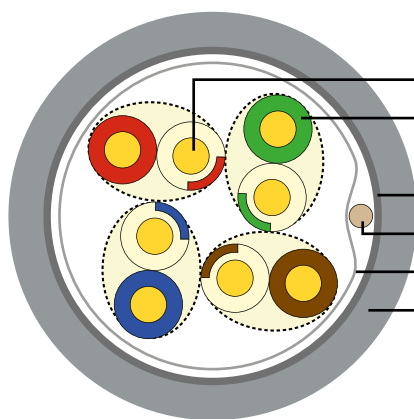
# Cat.5e F/UTP PVC, LSZH, PE 4x2x0,48



## Application

Multicore and symmetrical twisted pair cable for digital communications:

- Type **Cat. 5e F/UTP 4x2x0,48** is designed for structured cabling networks with single laying inside buildings, constructions and equipment. This cable type can operate at frequencies up to 100 MHz in conditions of increased electromagnetic action;
- Type **Cat. 5e F/UTP 4x2x0,48 LSZH** is designed for structured cabling networks with single laying and laying in bundles inside buildings, constructions and equipment. This cable type can operate at frequencies up to 100 MHz in conditions of increased electromagnetic action and where low smoke emission is required;
- Type **Cat. 5e F/UTP 4x2x0,48 PE** is designed for structured cabling networks with external laying along the walls of buildings, constructions, in mines and collectors. This cable type can operate at frequencies up to 100 MHz in conditions of increased electromagnetic action.



## Cable structure

- **Conductor:** Copper wire 0,48 mm
- **Insulation:** HDPE in compliance with TIA 568 insulation colour coding
- **Screen:** Al-Pet tape min. 100% coverage
- **A tinned copper drain wire, Ø 26AWG**
- **Pet tape** min. 100% coverage
- **Sheath:**  
LSZH/LS0H RAL 2003 Orange  
PVC RAL 7001 Grey  
PE RAL 9011 Black

## Standards

ISO/IEC 11801-1, IEC 61156-5  
EN 50288-2-1  
ANSI EIA/TIA 568.2-D

