

TX200P4FP1

**CAT6 U/FTP 1x4P flexible cable - 250 MHz - Blue - Coil of 100m**



## DESCRIPTION

U/FTP Shielded in pairs cable, TX200PxFP used for manufacturing patch cords, it constitutes continuity for a very high-speed Voice, Data and Video network. Its performances exceed the limits imposed by current standards, so it represents an investment for future network applications. This cable is used in digital and analog signal transmission for voice, data transmission and video links.



## ADVANTAGES

- Exceed standard specifications
- Ideal for making patch cords
- Discreet colour



## CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	TX200PxFPzyyyy
Core gauge	AWG26/7
Assembly type	Pairs
Outer Sheath Material	PVC
Color	Blue RAL 5017
Nom. diameter of the outer sheath (mm)	5,6
Ground drain presence	No
Shielding type	U/FTP
Insulation Color Code	Blue and White blue or White - Orange and White orange or White - Green and White green or White - Brown and White brown or White
Nominal insulation diameter (mm)	0,98

## ELECTRICAL CHARACTERISTICS

Loop resistance	290
Minimum insulation resistance	resistance_iselement_min_sup_5000
Service Voltage (V)	<250Vdc
Linear electrical resistance (Ω/Km)	145
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

## TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	65
Delay skew	< 45
Unbalance resistance	< 2
Propagation speed (%)	66
Performance Category	Category 6
Data Transmission Standard	EIA/TIA 568-C.2 Cat6, EN 50173-1: 2011 Classe E, ISO 11801 Ed.3 Classe E
Characteristic Impedance (Ohms)	100
Conductor/Shield Capacitance	1,6 nF/km
Conductor/Conductor Capacitance	45 nF/km

## MECHANICAL CHARACTERISTICS

Bending Radius in Fixed Installation	8 x Ø ext
Bending Radius in Mobile Installation	15 x Ø ext

**ENVIRONMENTAL CHARACTERISTIC**

CPR classification	Not concerned
Fire behaviour	IEC 60332-1
Smoke emission	IEC 61034-1 & -2
Gas emission	IEC60754-2
RoHS Compliance	Conforme à la directive RoHS
Component Standard	IEC 61156-6 Cat6

**ADDITIONAL INFORMATION**

Product Packaging	Coil of 100m
Weight (Kg)	0.04