

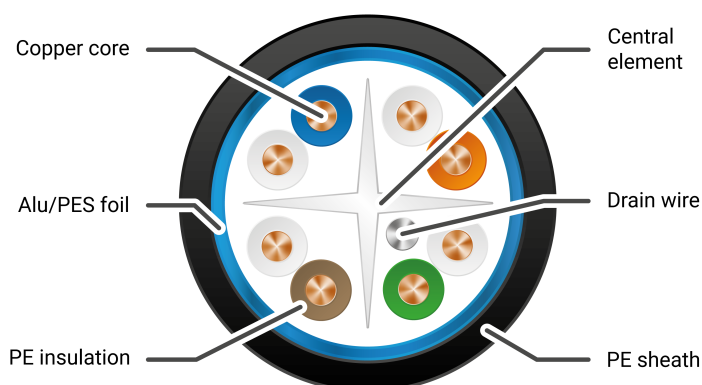
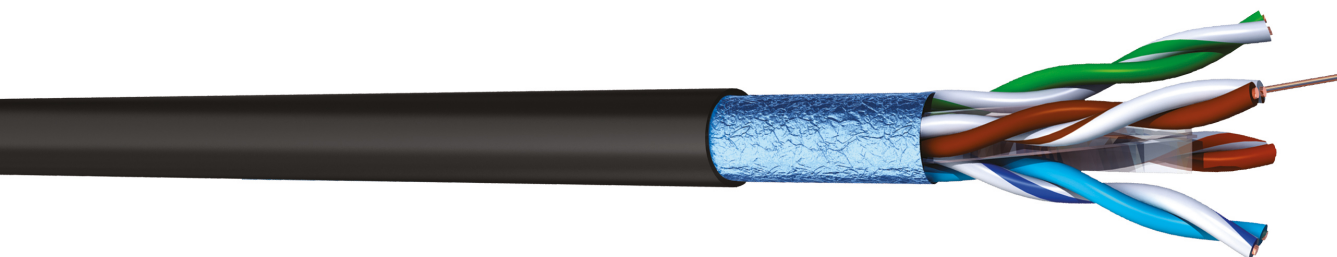
CX64PE5

CAT6 F/UTP 1x4P 350 MHz PE Fca Cable
Drum of 500m



DESCRIPTION

The F/UTP 4-pair cable CX64PE is used for outdoor links. It can support all types of outdoor IP applications thanks to its PE jacket. Its overall shielding allows use in electrically disturbed environments and ensures operation beyond standards, up to 350 MHz. The CX64PE, used with a Multimedia Connect connectivity solution, will guarantee Channel Class E / CAT6-compliant performance.



ADVANTAGES

- Adapted for outdoor applications
- Exceeds standard specifications : tested up to 350 MHz
- Electrical supply of equipments (camera, hotspot wifi, IP phone ...)



CONSTRUCTION & TECHNICAL PERFORMANCE

Product Type	CX6xPEy
Core gauge	AWG23
Assembly type	Pairs
Shielding description	Aluminium polyester tape
Outer Sheath Material	PE
Color	Purple RAL 4001
Nom. diameter of the outer sheath (mm)	7.1
Ground drain presence	No
Shielding type	F/UTP
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
Minimum Insulation Diameter (mm)	1
Maximum Insulation Diameter (mm)	1,06
Nominal insulation diameter (mm)	1,03

ELECTRICAL CHARACTERISTICS

Loop resistance	154
Minimum insulation resistance	> 5000 MΩ x km
Service Voltage (V)	<250Vdc
Linear electrical resistance (Ω/Km)	77
Mutual Capacity	< 45 pF
Capacity Imbalance	< 1600 pF/km

TRANSMISSION CHARACTERISTICS

Coupling attenuation (dB)	55
Delay skew	< 45
Unbalance resistance	< 2
Propagation speed (%)	66
Segregation Class	C
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

Updated: 1/02/2026

This document is confidential and is the property of ADALTRA. ADALTRA holds the copyright, and the document must not be copied or modified in any form, in whole or in part, without the prior written permission of ADALTRA. The specifications contained in this document are non-contractual and may be subject to change without prior notice.

MECHANICAL CHARACTERISTICS

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

ENVIRONMENTAL CHARACTERISTIC

CPR classification	Fca
Fire behaviour	IEC 60332-1
RoHS Compliance	Compliant with the RoHS directive
Component Standard	IEC 61156-5 Cat6

ADDITIONAL INFORMATION

Product Packaging	Drum of 500m
Weight (Kg)	0.1