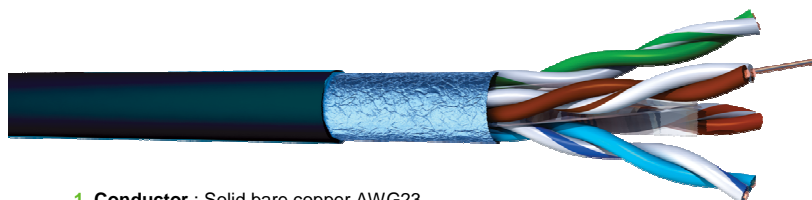
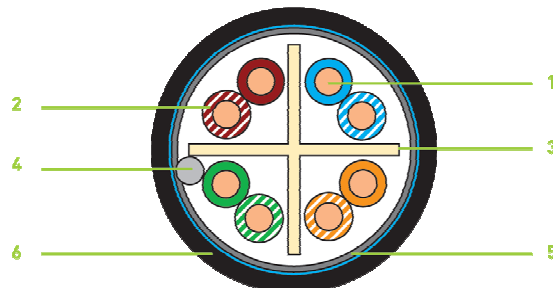


REF : CX6xPE

100 Ω F/UTP 4 pairs category 6 cable – 350 MHz – Gaine PE



CX64PE



1. **Conductor** : Solid bare copper AWG23
2. **Insulation** : PE solid
3. **Central cross** : transparent or white
4. **Drain wire**: Solid tinned copper
5. **Shielding**: Aluminium/Polyester blue tape Coverage 110%
6. **Outer jacket**: Polyethylene- Colour Black

Application

F/UTP (Foiled twisted pairs) cable, which is used in a horizontal or vertical configuration (Backbone), it constitutes the base of a very high bit rate V.D.I. (Voice-Data-Image) network.

The polyethylene outer sheath, weatherproof and resistant to UV, makes it suitable for external use.

This cable is used for transmission of digital and analogue voice, data and video signals as follows :

- ISDN - RNIS
- TOKEN RING 4/16 Mbits
- 100 VG-AnyLAN
- TP-PMD/TP-DDI
- ATM 155, 622 Mbits/s et 1,2Gbits
- ETHERNET 10 Base T
- ETHERNET 100 Base Tx, 100 Base T4
- ETHERNET 1000 Base T – GIGABIT Ethernet
- IEEE 802.3 af – PoE (Power Over Ethernet) and the Next PoE+

Standards

CABLE	IEC 61156-5
SYSTEM	ISO 11801 Edition 2 – CLASS E

Electrical properties

Other characteristics

Electrical linear resistance $\leq 95\Omega$ / Km	Operating temperature : - 30° C / + 70°C
Mutual capacity (nom.) : 52 pF / m	
Characteristic impedance: 100 Ω	Minimum bending radius: 8 x cable diameter
Velocity of propagation : 69 %	Conform to RoHS directive

REF : CX6xPE

100 Ω F/UTP 4 pairs category 6 cable – 350 MHz – Gaine PE

(*) Standard : Values from IEC 61156-5; (**) NA: not applicable

Transmission performances @20°C

MESURES (MHZ)	ATTENUATION (dB/100m)		NEXT (dB)		PS NEXT (dB)		ELFLEXT (dB/100m)		PSELFLEXT (dB/100m)		RETURN LOSS (dB)	
	Standard(*)	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C	Standard	M.M.C
4	3.8	3.5	66.3	69	63.3	66	55.8	67	52.8	64	23.0	25
10	6.0	5.5	60.3	63	57.3	60	47.8	60	44.5	57	25.0	28
16	7.6	6.9	57.2	60	54.2	57	43.7	66	40.7	63	25.0	28
31.25	10.7	9.8	52.9	55	49.9	52	37.9	51	34.9	48	23.6	27
62.5	15.5	13.9	48.4	51	45.4	48	31.9	43	29.1	40	21.5	25
100	19.9	17.5	45.3	48	42.3	45	27.8	40	24.8	37	20.1	25
200	29.1	25.3	40.8	44	37.8	41	21.8	34	18.8	31	18	24
250	33.0	28.3	39.3	42	36.3	39	19.8	27	16.8	24	17.3	23
350	**NA	36.2	NA	38	NA	35	NA	22	NA	19	NA	21

Ordering information

Reference	CX64PE
Pairs Nb	4
AWG	23
Diameter (mm)	7.1
Weight approx. Kg/Km	50
Conditioning	500m & 1000m drums