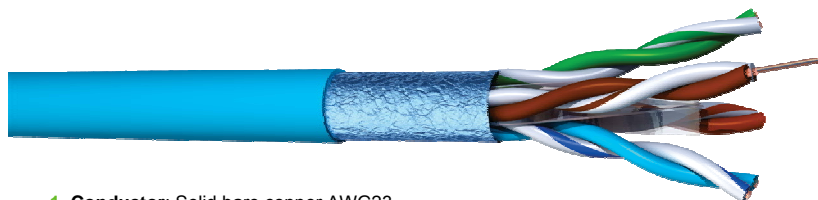
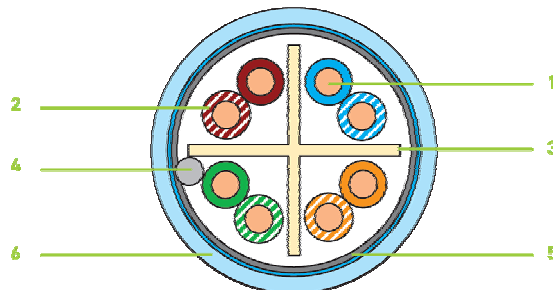


REF : CX6xSH

100 Ω F/UTP x pairs category 6 cable – 350 MHz LSZH



CX64SH



1. **Conductor:** Solid bare copper AWG23
2. **Insulation:** PE
3. **Central element:** White or transparent cross
4. **Drain wire:** solid tinned copper
5. **Shielding:** Aluminum/Polyester tape Coverage110%
6. **Outer jacket:** LSZH Bleu RAL 5024

Application

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

Its shielding with a high coverage allows him a use in disturbed environment and a correct operation up to 350MHz. Its internal structure ensures it important margins with the current standards.

This cable is used for transmission of digital and analogue voice, Data and video signals. It can transmit :

- 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) et future PoE+

Standards

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

REF : CX6xSH

100 Ω F/UTP x pairs category 6 cable – 350 MHz LSZH

Electrical properties

Max.lineare résistance : $\leq 95 \Omega / \text{Km}$
 Mutual capacity (nom.) : 52 pF / m
 Characteristic impedance
 from 1 to 100 MHz : 100 +/- 15 Ω
 Velocity of propagation : 69 %

Characteristics

Fire behaviour : IEC 60332-1
 Operating temperature : - 20° C / + 70°C
 Minimum bending radius: 8 x cable diameter
 Conform to RoHS directive

Performances

MESURES (MHZ)	ATTENUATION (dB/100m)		NEXT (dB/100m)		PS NEXT (dB/100m)		ELFLEX (dB/100m)		PSELFLEX (dB/100m)		RETURN LOSS (dB/100m)	
	Standard	Typical value	Standard	Typical value	Standard	Typical value	Standard	Typical value	Standard	Typical value	Standard	Typical value
4	3.8	3.5	66.3	69	63.3	67	55.8	67	52.8	64	23.0	25
10	6.0	5.5	60.3	63	57.3	62	47.8	60	44.8	57	25.0	28
16	7.6	6.9	57.2	60	54.2	58	43.7	66	40.7	63	25.0	28
31.25	10.7	9.8	52.9	55	49.9	53	37.9	51	34.9	48	23.6	27
62.5	15.5	13.9	48.4	51	45.4	49	31.9	43	29.1	40	21.5	25
100	19.9	17.5	45.3	48	42.3	47	27.8	40	24.8	37	20.1	25
200	29.1	25.3	40.8	44	37.8	52	21.8	34	18.8	31	18.0	24
250	33.0	28.3	39.3	42	36.3	41	19.8	27	16.8	24	17.3	23
300	NA	36.2	NA	38	NA	38	16.9	22	NA	19	NA	21

Standard: Values from IEC 61156 -5. □

The installation & environmental requirements can modify the values above. □

Multimedia Connect reserves the right to modify the present characteristics without preliminary notification.

Ordering informations

Item No	CX64SH	CX68SH
Pairs	4	2x4
[X] x AWG	23	23
Diameter	7.0	7.0x14.5
Kg/Km	46	102
Conditioning	B305m T500m – T1000m	T500m – T1000m