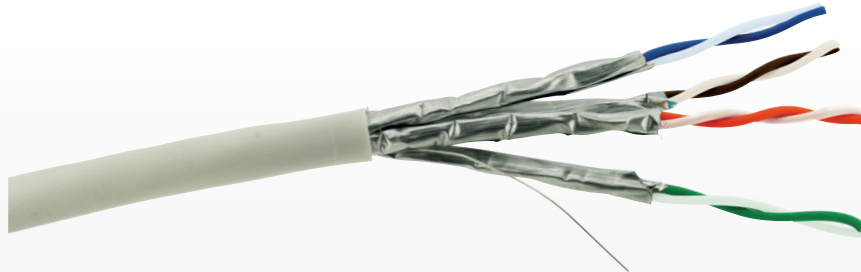




## CAT6<sub>A</sub> U/FTP LSOH 550MHZ CABLE



The cable has been designed to exceed the ISO/IEC, TIA and CENELEC for Category 6A/Augmented Category 6 component requirements. This delivers Class EA link performance over distances of up to 90 metres which supports the applications including 10GBASE-T, 10 Gigabit Ethernet.

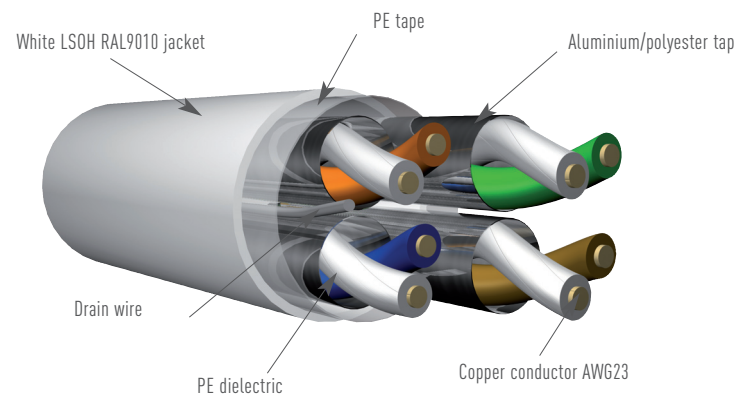
Each cable consists of 4 pairs individually wrapped in a covering of high quality, strong, aluminium/polyester foil tape providing an individual screen for each pair.

DELTA Certified product !

### MECHANICAL CHARACTERISTICS

ITEM	JACKET	CONDUCTORS	ISOLATION (MM)	EXTERNAL DIAMETER (MM)	GROSS WEIGHT (Kg)	BENDING RADIUS (MM)	INSTALLATION TENSION (N)
4	LSOH	AWG23	1,4	7,8	59	63	110
2x4	LSOH	AWG23	1,4	7,8x16	119	63	220

- Temperature rating during operation : 4°C to 50°C
- Temperature rating during installation : -20°C to 70°C
- Standards : ANSI/TIA-568-C.2 (CAT6A)  
EN50173 Amd 2 CAT6<sub>A</sub>  
ISO/IEC11801 2nd Ed. Amd 2 CAT6<sub>A</sub>  
IEC 61156-5 : Ed.2.0
- Flame rating : IEC 60332-1  
IEC 60754-(1,2)  
IEC 61034



### CABLE MARKED

GIGAMEDIA DELTA VERIFIED ANSI/TIA-568-C.2 CATEGORY 6A U/FTP LSOH CABLE 4 PAIR Lot n° + ... m



## TRANSMISSION PERFORMANCE

FREQUENCY MHz	ATTENUATION dB/100M	RETURN LOSS dB	NEXT dB/100M	P.S NEXT dB/100M	ACR dB/100M	ELFEXT dB/100M	P.S ELFEXT dB/100M
1	1,8	-	95	90	98	100	100
10	5,6	26	95	90	95	96	95
20	7,7	30	95	90	93	90	87
100	17,4	30	90	90	84	77	74
200	25	25	89	82	69	71	68
300	31,2	24	85	78	55	67	64
400	39,1	23	83	76	45	64	61
500	43,5	22	80	75	41	61	58

\*\* For reference only

- Impedance : 100 +/-5 Ohms
- Velocity of propagation : 74 %
- Loop resistance : 93.8 Ohms/Km

## ORDERING INFORMATION

PART NUMBER	DESCRIPTION		
GGM C6AF4PZHTM	4 pairs CAT6A U/FTP 100 Ohms 550MHz LSOH	white	1 000m drum
GGM C6AF4PZHT5	4 pairs CAT6A U/FTP 100 Ohms 550MHz LSOH	white	500m drum
GGM C6AF4PZHT3	4 pairs CAT6A U/FTP 100 Ohms 550MHz LSOH	white	305m drum
GGM C6AF2X4ZHT5	2*4 pairs CAT6A U/FTP 100 Ohms 550MHz LSOH	white	500m drum

VOTRE INTERLOCUTEUR CONSEIL