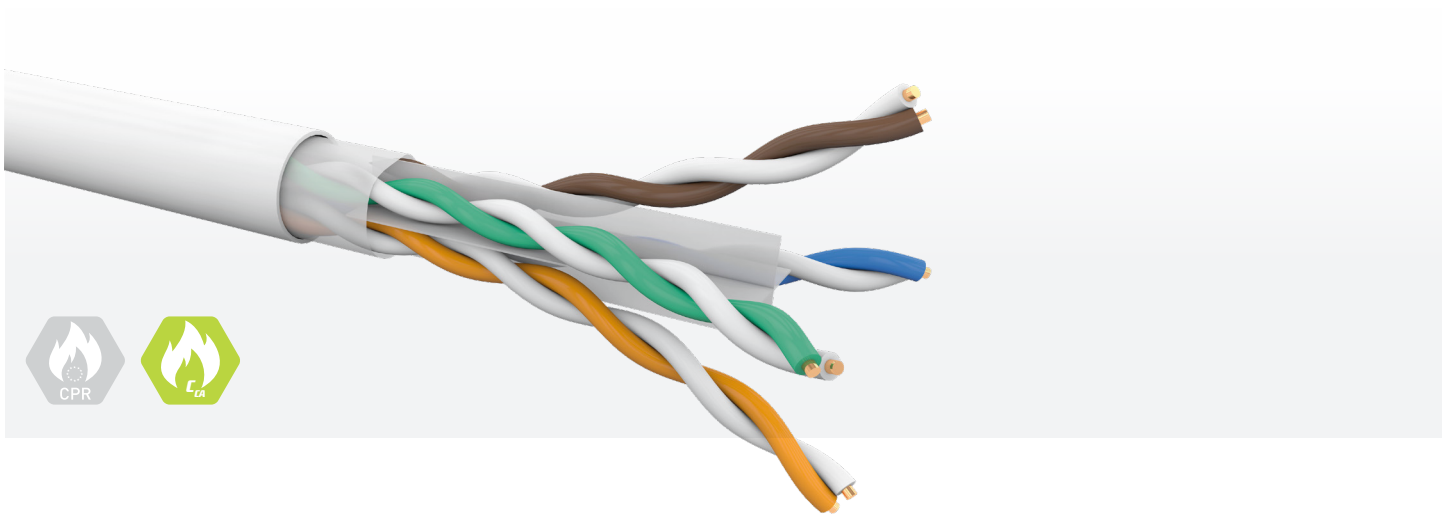
GIGAMEDIA
SMART BUILDING SOLUTIONS

CAT6A 4 PAIRS AWG23 U/UTP SLIM LSOH-FR CCA

GGM C6AU4PSFRxx



APPLICATIONS

- **IEEE802.3** : 10GBase-T, 5GBase-T, 2.5GBase-T, 1000Base-T, 100Base-Tx, 10Base-T,
- **IEEE 802.3AF/AT/BT** : (PoE/PoE+/4PPoE)

Available in Cca, the **GIGAMEDIA** slim CAT6A U/UTP cable is designed to meet the highest standards in terms of performance and fire behaviour.

Certified by an independent laboratory, it exceeds Class EA specifications and supports applications up to 10 Gigabit Ethernet along with the remote powering of equipment up to 90 W (4PPoE).

With its reduced diameter of 6.4 mm, it is easy to route through cable trays, ducts and confined spaces. Its design ensures smooth pulling, without twisting or kinking, and allows links to be installed simultaneously.

MECHANICAL CARACTERISTICS

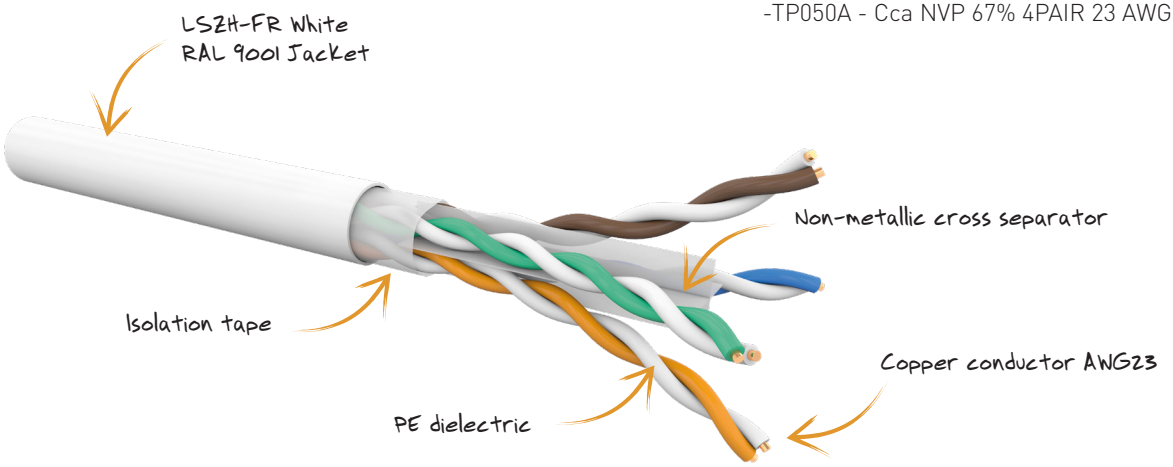
ITEM	JACKET	CONDUCTORS	INSULATION (mm)	EXTERNAL DIAMETER (mm)	GROSS WEIGHT (kg)	BENDING RADIUS (mm)	INSTALLATION TENSION (N)
4	LSOH-FR	AWG23	1,13	6.8	46	60	100

- **TEMPERATURE RATING** :
  Installation : 0 °C to +50 °C
  Operation : -20 °C to +60 °C

GIGAMEDIA
SMART BUILDING SOLUTIONS

CABLE MARKED

GIGAMEDIA EN 50173 CAT6A U/UTP LSZH-FR -C6AU4PSFR -TP050A - Cca NVP 67% 4PAIR 23 AWG [lot n°] XXXXXX m



TRANSMISSION PERFORMANCE

FREQUENCY (MHz)	ATTENUATION (dB) max	RETURN LOSS (dB) min	NEXT (dB) min	PSNEXT (dB) min	ACRF (dB) min	PS ACRF (dB) min	PSANEXT (dB) min	PSAACRF (dB) min
1	2,1	20	75,3	72,3	68	65	67	67
4	3,8	23	66,3	63,3	56	53	67	66,2
8	5,3	24,5	61,8	58,5	49,9	46,9	67	60,1
10	5,9	25	60,3	57,3	48	45	67	58,2
16	7,5	25	57,2	54,2	43,9	40,9	67	54,1
20	8,4	25	55,8	52,8	42	39	67	52,2
25	9,4	24,3	54,3	51,3	40	37	67	50,2
31,25	10,5	23,6	52,9	49,9	38,1	35,1	67	48,3
62,5	15	21,5	48,4	45,4	32,1	29,1	65,6	42,3
100	19,1	20,1	45,3	42,3	28	25	62,5	38,2
200	27,6	18	40,8	37,8	22	19	58	32,2
250	31,1	17,3	39,3	36,3	20	17	56,5	30,2
300	34,3	17,3	38,1	35,1	18,5	15,5	55,3	28,7
400	40,1	17,3	36,3	33,3	16	13	53,5	26,2
500	45,3	17,3	34,8	31,8	14	11	52	24,2

- **DELAY SKEW** : ⩽ 45 ns/100 m
- **IMPEDANCE** : 100 ±5 Ω
- **NVP** : 67 %
- **SEGRAGATION CLASS (EN 50174-2)** : Class B

ORDERING INFORMATION

P/N	DESCRIPTION	
GGM C6AU4PSFRTU3	Cat6A 4 Pairs AWG23 U/UTP SLIM LSOH-FR Cca	Reel In Box 305 m
GGM C6AU4PSFRT5	Cat6A 4 Pairs AWG23 U/UTP SLIM LSOH-FR Cca	500 m Drum