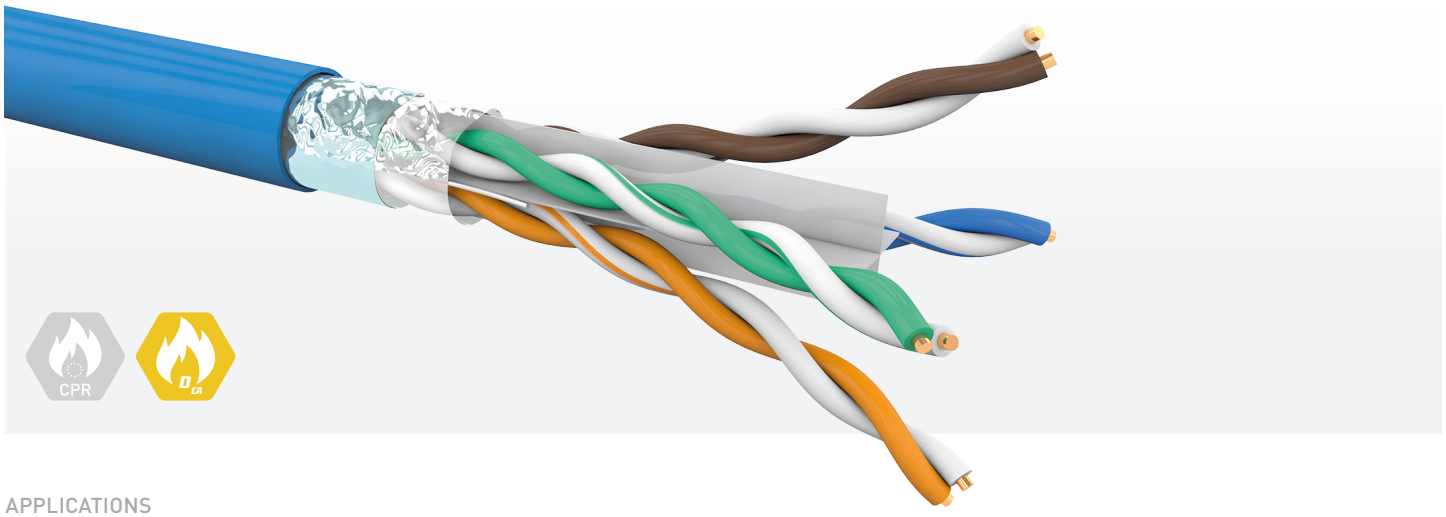
GIGAMEDIA
SMART BUILDING SOLUTIONS

CAT6 4 PAIRS AWG24 F/UTP LSZH DCA

GGM C6FU4PZHxx



APPLICATIONS

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

GIGAMEDIA CAT6 cables are designed to exceed Class E specifications (Category 6).

Implementation combining reliability, performance and quality, guarantees the stability of all the physical characteristics and maintains transmission performance after installation.

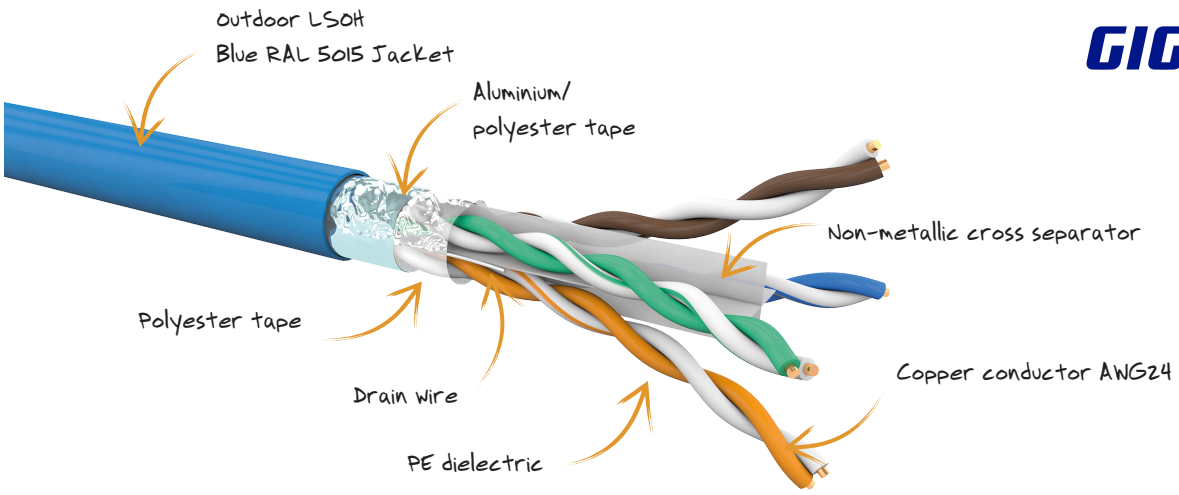
Each cable is printed with a sequential metre marking.

MECHANICAL CARACTERISTICS

ITEM	JACKET	CONDUCTORS	INSULATION (MM)	EXTERNAL DIAMETER (mm)	GROSS WEIGHT (KG)	BENDING RADIUS (mm)	INSTALLATION TENSION (N)
1X4	LSOH	AWG24	1.08	7.2	52	58	300
2X4	LSOH	AWG24	1.08	14.4	105	58	300

- **TEMPERATURE RATING**:
  Installation: 00 ~ 50 °C
  Operation: -20 ~ 75 °C
- **STANDARDS**:
  EN50173,
  ISO/IEC 11801,
  ANSI/TIA-568-C.2

- **FIRE BEHAVIOUR**:
  EN 13501-6 : Dca, s1a, d1, a1 (1X4)
  EN 50575, EN 50399, EN 60332-1-2



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TRANSMISSION PERFORMANCE

FREQUENCY (MHz)	ATTENUATION (dB) max	RETURN LOSS (dB) min	NEXT (dB) min	PSNEXT (dB) min	ELFEXT (dB) min	PS ELFEXT (dB) min
4	3.8	23.0	65.3	63.3	55.8	52.8
8	5.4	24.5	60.8	58.8	49.7	46.7
10	6.0	25.0	59.3	57.3	47.8	44.8
16	7.6	25.0	56.2	54.2	43.7	40.7
20	8.5	25.0	54.8	52.8	41.8	38.8
25	9.6	24.3	53.3	51.3	39.8	36.8
31,25	10.7	23.6	51.9	49.9	37.9	34.9
62,5	15.5	21.5	47.4	45.4	31.9	28.9
100	19.9	20.1	44.3	42.3	27.8	24.8
150	24.8	18.9	41.7	39.7	24.3	21.3
200	29.1	18.0	39.8	37.8	21.8	18.8
250	33.0	17.3	38.3	36.3	19.8	16.8

- Frequency range: 0 to 250 MHz
- Impedance: 100 ±5 Ω
- NVP : 69 %

CABLE MARKED

GIGAMEDIA EN 50173 CAT6 F/UTP LSZH C6FU4PZH -TP0051A Dca-s1a,d1,a1 NVP 69% 4PAIRS 24 AWG

ORDERING INFORMATION

P/N	DESCRIPTION		
GGM C6FU4PZHC1	Cable cat6 4 Pairs AWG24 F/UTP LSZH Dca	Blue	100 m coil
GGM C6FU4PZHT3	Cable cat6 4 Pairs AWG24 F/UTP LSZH Dca	Blue	305 m Drum
GGM C6FU4PZHT5	Cable cat6 4 Pairs AWG24 F/UTP LSZH Dca	Blue	500 m Drum
GGM C6FU2X4PZHT5	Cable cat6 4 2xPairs AWG24 F/UTP LSZH Dca	Blue	500 m Drum