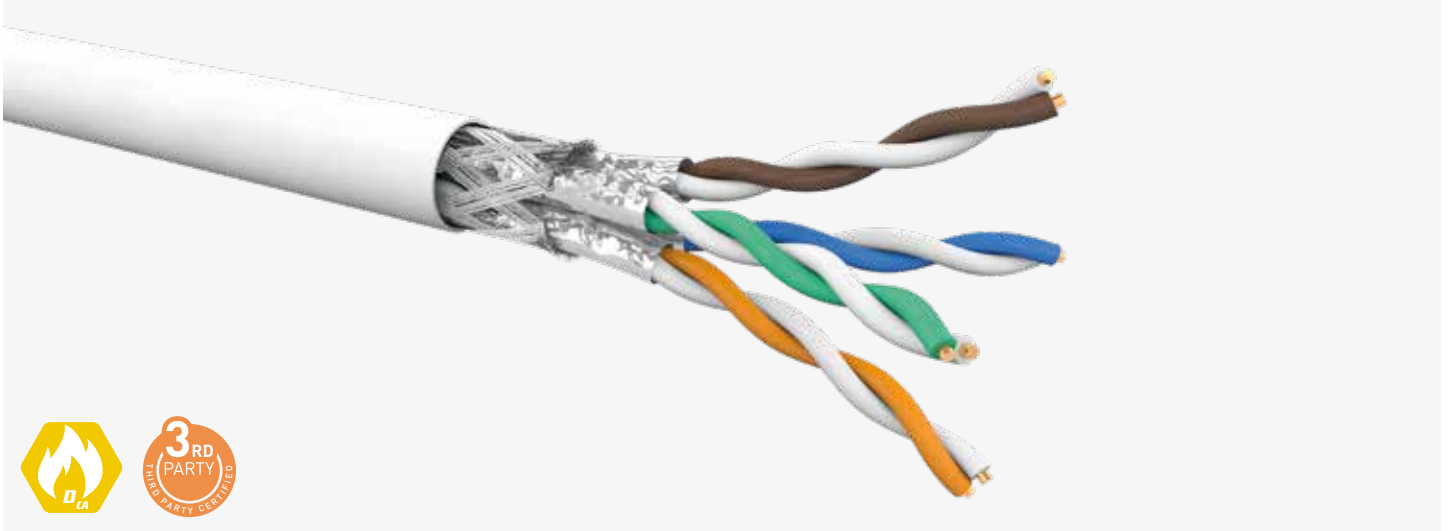




CAT7 S/FTP LSZH Dca CABLE

GGM C7SF4PWDT5



APPLICATIONS

- ▶ IEEE802.3: 10GBase-T, 5GBase-T, 2.5GBase-T, 1000Base-T (Gigabit Ethernet), 100Base-Tx, 10Base-T
- ▶ IEEE 802.3af: PoE
- ▶ IEEE 802.3at: PoE+
- ▶ IEEE 802.3bt: 4 PPoE

This series of cables meets and exceeds the requirement of category 7 and ISO 11801 or EN 50173 Class F.

The overall shield and individual foil applied on each pair help to optimize NEXT performance and ensure the user that field test results will show a 100 % pass rate of installed links.

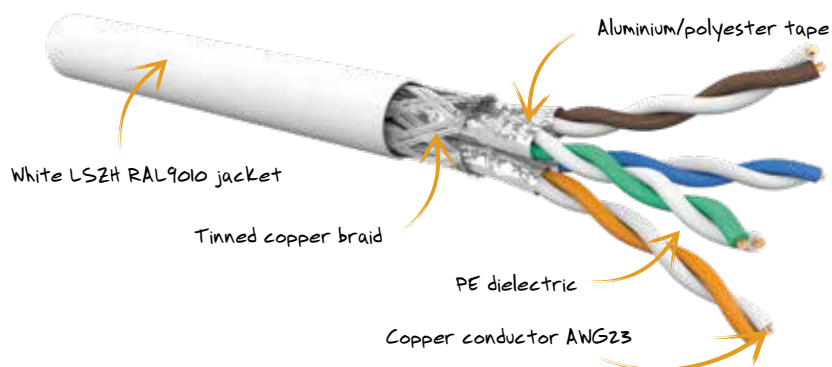
It is the ideal solution when deploying 10Gbits capable network cabling infrastructure (i.e 10GBASE-T) and ensures the user a high level of fire performance : LSZH & fire retardant in accordance with IEC 60332-3 & EN 50267 to meet latest european regulation (CPR).

MECHANICAL CHARACTERISTICS

- ▶ Pair: 4
- ▶ Jacket: LSZH
- ▶ Conductors: AWG23
- ▶ Insulation: 1.3 mm
- ▶ Outer diameter: 7.2 mm
- ▶ Gross weight: 53 kg
- ▶ Bending radius: 57.6 mm
- ▶ Installation tension: 100 N
- ▶ Temperature rating:
0 °C to +50 °C (installation)
-20 °C to +60 °C (operation))
- ▶ Standards:
EN50173 CAT7, ISO/IEC11801 2nd Ed. Amd 2
CAT7, IEC 61156-5 : Ed.2.0
- ▶ Fire behaviour:
EN 13501-6 : Dca -s1a, d1, a1
EN 50575, EN 50399, EN 60332-1-2

CABLE MARKED

GIGAMEDIA EN 50173 CAT7 S/FTP LSZH - C7SF4PWD - TP042 - Dca s1a d1 a1 NVP 78% 4PAIR
23AWG [lot n°] XXXX m



TRANSMISSION PERFORMANCE

FREQUENCY (MHz)	ATTENUATION (dB/100 m)	NEXT (dB)	PSNEXT (dB)	ACR (dB/100 m)	PS-ACR (dB/100 m)	ELFEXT (dB/100 m)	PS-ELFEXT (dB/100 m)	RETURN LOSS (dB)
4	3.7	78	75	74.3	71.3	78	75	23
8	5.2	78	75	72.8	69.8	77.2	74.2	24.5
10	5.9	78	75	72.1	69.1	75.3	72.3	25
16	7.4	78	75	70.6	67.6	71.2	68.2	25
20	8.3	78	75	69.7	66.7	69.3	66.3	25
25	9.3	78	75	68.7	65.7	67.3	64.3	24.3
31.25	10.4	78	75	67.6	64.6	65.4	62.4	23.6
62.5	14.9	75.5	72.5	60.6	57.6	59.4	56.4	21.5
100	19	72.4	69.4	53.4	50.4	55.3	52.3	20.1
200	27.5	67.9	64.9	40.4	37.4	49.3	46.3	18
250	31	66.4	63.4	35.4	32.4	47.3	44.3	17.3
300	34.2	65.2	62.2	31	28	45.8	42.8	17.3
500	45.3	61.9	58.9	16.6	13.6	41.3	38.3	17.3
600	50.1	60.7	57.7	10.6	7.6	39.7	36.7	17.3

- Delay skew (ns/100m): ≤ 25
- DC Resistance: 76.1 Ω/km
- Segregation class D
- Impedance: 100 ±15 Ω
- NVP: 78 %

RÉFÉRENCE	DESCRIPTION	
GGM C7SF4PWDT5	4 pairs CAT7 S/FTP AWG23 LSZH Dca, white	500 m drum
GGM C7SF2X4PWDT5	2x4 pairs CAT7 S/FTP AWG23 LSZH Dca, white	500 m drum