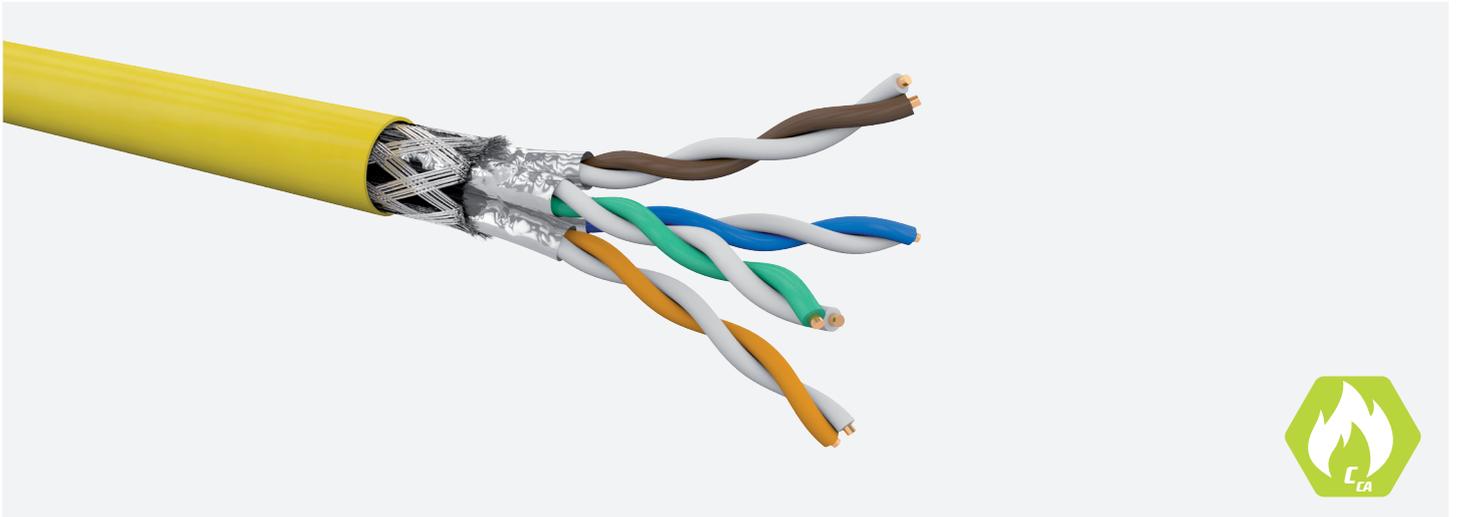




CAT7 S/FTP LSZH-FR Cca CABLE

GGM C7SF4PFRT5



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: 4PPoE

New CAT7 S/FTP cable limiting fire propagation and meeting the latest requirements of international and European standards.

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.

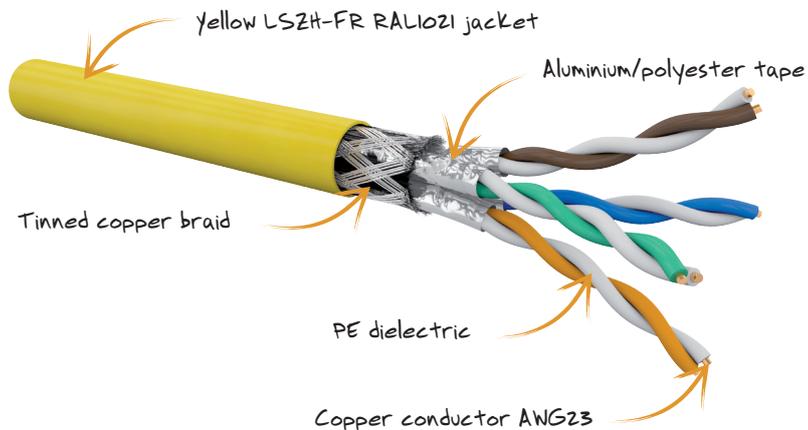
It is the ideal solution when deploying 10Gbits capable network cabling infrastructure (i.e. 10GBASE-T) and ensures the user a high level of fire performance: LSZH & fire retardant in accordance with IEC 60332-3 & EN 50267 to meet latest european regulation (CPR).

MECHANICAL CHARACTERISTICS

- ▶ Pair: 4
- ▶ Jacket: LSZH-FR
- ▶ Conductors: AWG23
- ▶ Insulation: 1.33 mm
- ▶ Outer diameter: 7.6 mm
- ▶ Gross weight: 62 kg
- ▶ Bending radius: 60.8 mm
- ▶ Installation tension: 110 N
- ▶ Temperature rating:
0 °C à +50 °C (operation)
-20 °C à +60 °C (installation)
- ▶ Standards:
EN50173 CAT7, ISO/IEC11801 2nd Ed. Amd 2
CAT7, IEC 61156-5: Ed.2.0
- ▶ Fire behaviour:
EN 13501-6 : Cca s1,d1,a1
EN 50575, EN 50399, EN 60332-3-24

CABLE MARKED

GIGAMEDIA EN 50173 CAT7 S/FTP LSZH-FR -C7SF4PFR -TP036A – Cca s1 d1 a1 NVP
74% 4PAIR 23 AWG [lot n°] XXXX m



TRANSMISSION PERFORMANCE

FREQUENCY [MHz]	ATTENUATION [dB/100 m]	NEXT	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	78.0	75.0	23.0
8	5.2	78	75	72.8	69.8	75.9	72.9	24.5
16	7.4	78	75	70.6	67.6	69.9	66.9	25.0
31.25	10.4	78	75	67.6	64.6	64.1	61.1	23.6
62.5	14.9	75.5	72.5	60.6	57.6	58.1	55.1	21.5
100	19.0	72.4	69.4	53.4	50.4	54.0	51.0	20.1
150	23.6	69.8	66.8	46.2	43.2	50.2	47.2	18.9
200	27.5	67.9	64.9	40.4	37.4	48.0	45.0	18.0
250	31.0	66.4	63.4	35.4	32.4	46.0	43.0	17.3
300	34.2	65.2	62.2	31.0	28.0	44.5	41.5	17.3
600	50.1	60.7	57.7	10.6	7.6	38.4	35.4	17.3

- ▶ Delay skew (ns/100m): ≤25
- ▶ DC Resistance Unbalance: ≤2 %
- ▶ Segregation class D
- ▶ Velocity of propagation: 74 %
- ▶ Impedance: 100 ±15

P/N	DESCRIPTION	
GGM C7SF4PFR5	4 pairs CAT7 S/FTP AWG23 LSZH-FR Cca, yellow	500 m drum