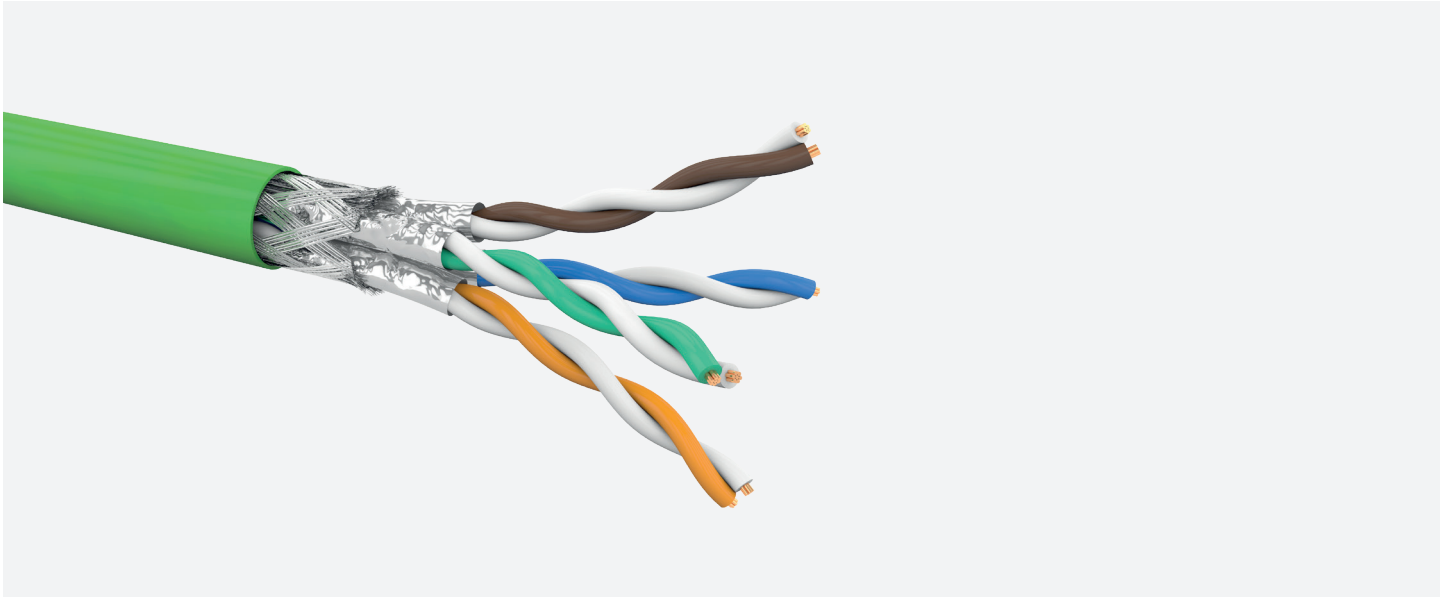




## CAT7 S/FTP PUR CABLE

GGM C7SF4PPURST



### 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 cable is designed to reach and exceed Class F (CAT7) performance and support applications up to 10Gigabit Ethernet (10GBase-T), as well as the remote powering of equipment up to 90 W (4PPoE).

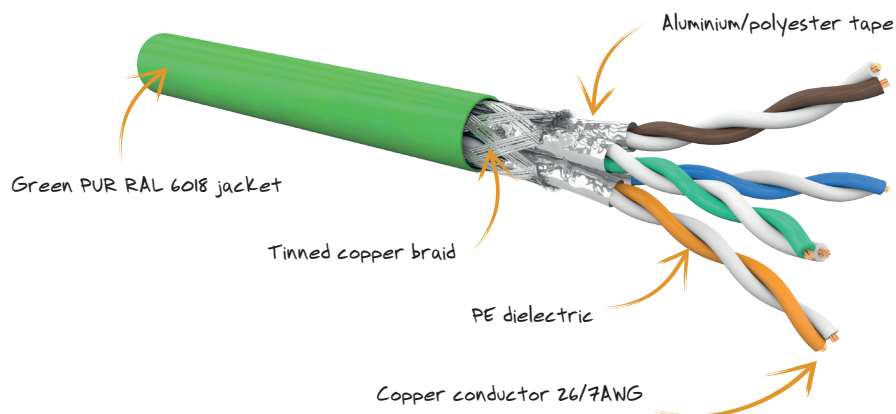
With its stranded construction and polyurethane outer jacket, it is perfectly suited to connecting mobile applications in industrial environments.

### MECHANICAL CHARACTERISTICS

- ▶ Pair: 4
- ▶ Jacket: PUR
- ▶ Conductors: 26/7AWG
- ▶ Insulation: 1.1 mm
- ▶ Outer diameter: 6.2 mm
- ▶ Gross weight: 47 kg
- ▶ Bending radius: 49.6 mm
- ▶ Temperature rating:
  - 40 °C to + 85 °C (operation)
  - 0 °C to + 50 °C (installation)
- ▶ Standards: EN50173 CAT7, ISO/IEC11801 2nd Ed. Amd 2CAT7, IEC 61156-6

### CABLE MARKED

GIGAMEDIA IEC 61156-6 CAT7 S/FTP PUR 4PAIRS AWG26/7 E307279-FCHI35510 c(UL)us CMX  
XXXXXXXX (BATCH CODE) XXXX m



#### TRANSMISSION PERFORMANCE

FREQUENCY (MHz)	ATTENUATION (dB/100 m)	NEXT (dB)	PSNEXT (dB)	ACRF (dB/100 m)	PS-ACRF (dB/100 m)	RETURN LOSS (dB/100 m)
4	5.6	78	75	78	75	23
10	8.8	78	75	74	71	25
16	11.1	78	75	69.9	66.9	25
20	12.4	78	75	68	65	25
31.25	15.6	78	75	64.1	61.1	23.3
62.5	22.3	75.5	72.5	58.1	55.1	20.7
100	28.5	72.4	69.4	54	51	19
125	32.1	70.9	67.9	52.1	49.1	18.2
200	41.2	67.9	64.9	48	45	16.4
250	46.5	66.4	63.4	46	43	15.6
300	51.3	65.2	62.2	44.5	41.5	15.6
600	75.1	60.7	57.7	38.4	35.4	15.6

- ▶ Segregation class D
- ▶ Impedance: 100 ±15 Ω
- ▶ DC Resistance Unbalance: < 2 %
- ▶ Delay skew (ns/100 m): ≤ 25
- ▶ Velocity of propagation: 78 %

#### REFERENCE

**GGM C7SF4PPURST**

#### DESCRIPTION

Stranded cable CAT7 S/FTP 26/7AWG PUR, green

500 m drum cut-to-length