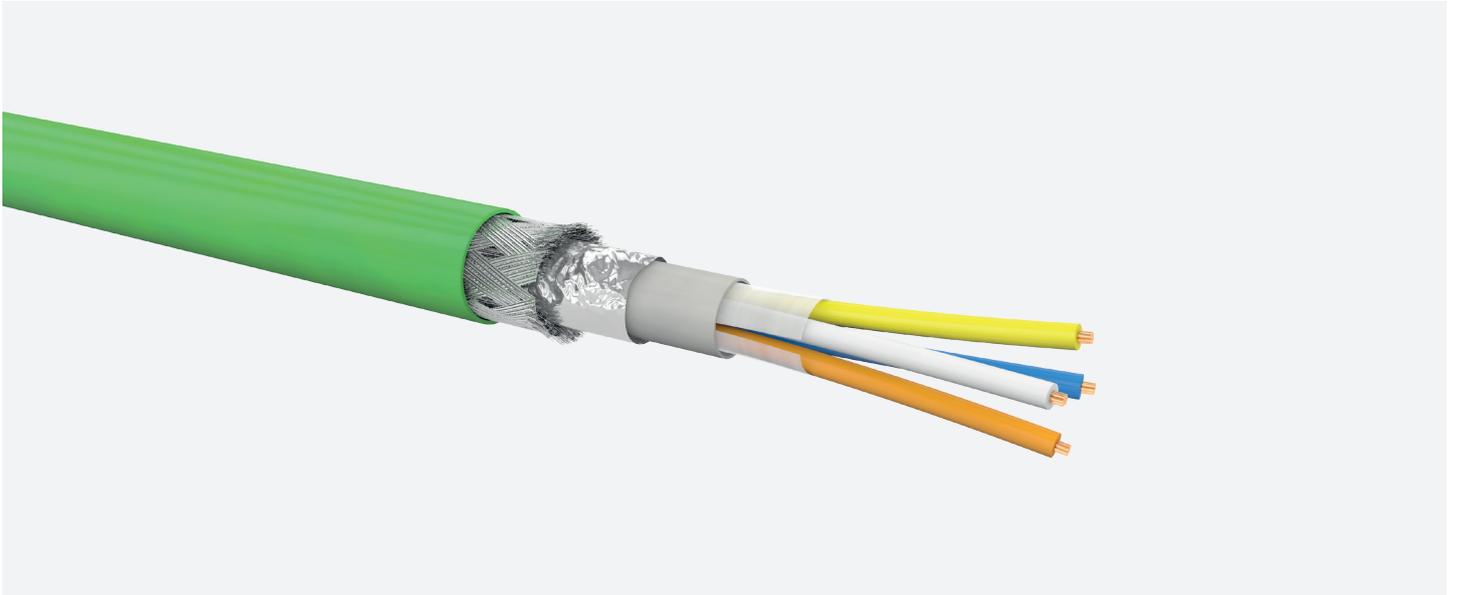




## PROFINET TYPE C SF/UTP PUR CABLE

### GGM C5EPROFPURST



#### APPLICATIONS

- ▶ Profinet
- ▶ IEEE 802.3i (10Base-T)
- ▶ IEEE 802.3u (Fast Ethernet, 100Base-T)

With its CAT5e performance, this cable is perfectly suited to Profinet and Ethernet applications up to 100 MBit/s (Fast Ethernet).

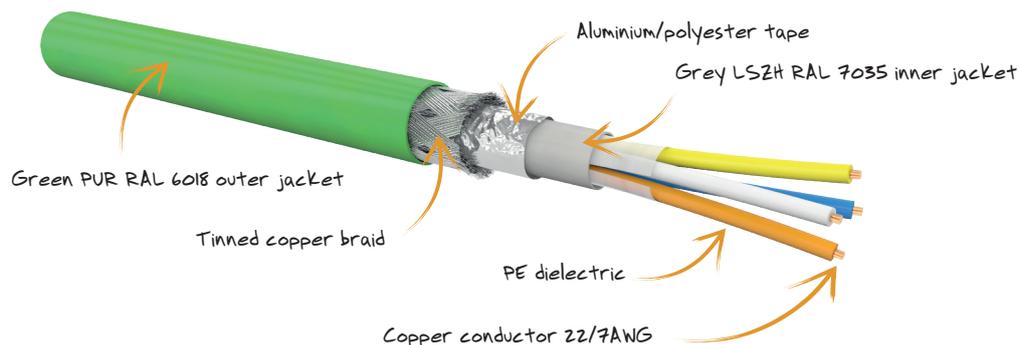
Its stranded construction and polyurethane outer jacket are ideal for mobile applications such as conveyor chains in industrial environments.

#### MECHANICAL CHARACTERISTICS

- ▶ Number of conductors: 4
- ▶ Jacket: LSZH/PUR
- ▶ Conductors: 22/7AWG
- ▶ Insulation: 1.51 mm
- ▶ Outer diameter: 6.3 mm
- ▶ Gross weight: 63 kg
- ▶ Bending radius: 31.5 mm
- ▶ Temperature rating:
  - 40 °C to + 85 °C (operation)
  - 0 °C to + 50 °C (installation)
- ▶ Standards:
  - ISO 11801-3; EN 50173-3, IEC61158;
  - IEC 61784; IEC 61156-6; ANSI/TIA-568.2-D

#### CABLE MARKED

GIGAMEDIA PROFINET Type C Trailing cable IEC 61156-6 CAT5e SF/UTP PUR 4 CORE AWG22/7 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)
4	6	56.3	52	23
10	9.5	50.3	44	25
16	12.1	47.2	39.9	25
20	13.5	45.8	38	25
31.25	17.1	42.9	34.1	23.6
62.5	24.8	38.4	28.1	20.7
100	32	35.3	24	19

- ▶ Impedance: 100 ±15 Ω
- ▶ DC Resistance Unbalance: ≤ 2 %
- ▶ Delay skew (ns/100m): ≤ 45
- ▶ Velocity of propagation: 67 %

REFERENCE	DESCRIPTION
<b>GGM C5EPROFPURST</b>	Profinet type C cable CAT5e SF/UTP 22/7AWG PUR/LSZH jacket, green 500 m drum cut-to-length