

**GF228C-CANB**

28 AWG CAN BUS CABLE


**INNOVATIVELY DESIGNED CAN BUS**

The GF228C-CANB is an impedance controlled, Aerospace-grade CAN Bus cable designed for applications where weight savings and flexibility are paramount. This 120 ohm cable features two 28AWG stranded, silver-plated, high-strength copper alloy conductors, high-temperature foamed fluoropolymer insulation, a 95% silver-plated copper shield, and a laser-markable Tefzel jacket.

The GF228C-CANB provides ample EMI protection and consistent performance for Aerospace, UAV, and Motorsport applications, as well as mobile communications and control devices and equipment.

**CABLE CONSTRUCTION**

1	Conductors	28 AWG Stranded Silver-plated HSCA
2	Inner Insulation	Solid, High-temp Fluoropolymer
	Color Code	Blue, White
3	Filler	FEP
4	Binder	PTFE Tape
5	Shield	38 AWG SPC Braid (95% Min Coverage)
6	Jacket	White, Laser-markable, Tefzel

**ENVIRONMENTAL & MECHANICAL PROPERTIES**

Outer Diameter	0.142" (3.56 mm)
Weight	15 lbs/1000 ft (22.32 kg/1000 m)
Operating Temperature	-55°C to +200°C
Minimum Bend Radius	0.70" (17.78 mm)

**ELECTRICAL PROPERTIES**

Impedance	120Ω	
Capacitance	13.5 pF/ft (44.29 pF/m)	
Velocity of Propagation	70%	
DC Resistance	62 Ω/1000 ft (203.4 Ω/1000 m)	
Dielectric Voltage Rating	0.9 kV RMS	
Attenuation (+25°C)	Frequency	dB/100 ft (m)
	10 MHz	2.2 (7.2)
	100 MHz	7.0 (22.9)



Don't forget to download the  
CAN Bus stripping instructions

Direct URL: [bit.ly/3Jwmy5y](https://bit.ly/3Jwmy5y)

GIGAFLIGHT's aerospace cables are designed to be resistant to Skydrol, will meet requirements of RoHS & REACH, & meets Federal Aviation Regulations 14 CFR part 25.869 (a)(4), Appendix F part I (a)(3).

