GIGAFLIGHT® CONNECTIVITY INC.

...Your *form*, *fit* & *function* provider

GF222E-CANB

22 AWG, CAN BUS CABLE

INNOVATIVELY DESIGNED CAN BUS

The GF222E-CANB is an Aerospace-grade CAN Bus cable designed as a suitable alternative for Carlisle's MX120-22-020 (formerly NGC875CAA-1). This 120 ohm cable features two 22AWG stranded, silver-plated copper conductors, high-temperature foamed fluoropolymer insulation, a 92% tin-plated copper shield, and a laser-markable Tefzel jacket.

The GF222E-CANB provides ample EMI protection and consistent performance for aerospace applications.

CABLE CONSTRUCTION		
1	Conductors	22 AWG Stranded, Silver-plated Copper
2	Insulation	Foamed, High-temp Fluoropolymer
	Color Code	Blue, White
3	Shield	38 AWG Tin-plated Copper Round Braid
4	Jacket	White, Laser-markable Tefzel

ENVIRONMENTAL & MECHANICAL PROPERTIES	
Outer Diameter	0.205" (5.21 mm)
Weight	25.7 lbs/1000 ft (38.25 kg/1000 m)
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	1.0" (25.4 mm)

ELECTRICAL PROPERTIES		
Impedance	120Ω	
Capacitance	12.7 pF/ft (41.67 pF/m)	
Velocity of Propagation	75%	
DC Resistance	16.1 Ω/1000 ft (52.9 Ω/1000 m)	
Shield DCR	5 Ω/1000 ft (16.4 Ω/1000 m)	
Dielectric Voltage Rating	1.5 kV RMS	
Attenuation (+25°C)	Frequency	dB/100 ft (m)
	1 MHz	0.8 (2.6)
	6 MHz	1.7 (5.6)
	10 MHz	2.2 (7.2)
	100 MHz	6.1 (20.0)

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).

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