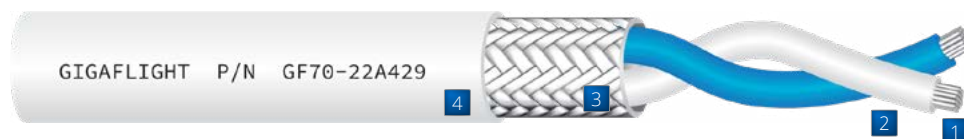


GF70-22A429

22 AWG, LASER-MARKABLE ARINC 429 CABLE



22 AWG ARINC 429

The GF70-22A429 cable is designed per the ARINC 429 Data Bus specification. It is an identical alternative for PIC's D620222. To save you time in cable fabrication, we use a white laser markable jacket.

ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.16" (4.06 mm)
Weight	16.5lbs/1000 ft (24.55kg/1000 m)
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	0.80" (20.32 mm)

CABLE CONSTRUCTION

1	Conductor	22 AWG Stranded Tin-plated Copper
2	Insulation	Solid, High-temp Fluoropolymer
	Color Code	White, Blue
3	Shield	38 AWG TPC Braid
4	Jacket	White, Laser-markable, Tefzel

ELECTRICAL PROPERTIES

Impedance	70Ω	
Capacitance	24 pF/ft (78.7 pF/m)	
Velocity of Propagation	70%	
DC Resistance	15.8Ω/1000 ft (51.8Ω/1000 m)	
Dielectric Voltage Rating	1.5 kV RMS	
Attenuation (+25°C)	Frequency	dB/100 ft (m)
	1 MHz	1.2 (3.9)

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).

