

GF70-24A429

24 AWG, LASER-MARKABLE ARINC 429 CABLE



24 AWG ARINC 429

The GF70-24A429 cable is designed per the ARINC 429 Data Bus specification. It is a suitable, laser-markable alternative for PIC's D620224, and an identical alternative for Carlisle's 422402.

CABLE CONSTRUCTION

1	Conductor	24 AWG Stranded Tin-plated Copper
2	Insulation	Solid, High-temp Fluoropolymer
	Color Code	White, Blue
3	Shield	38 AWG Tin-plated Copper Braid
4	Jacket	White, Laser-markable, Tefzel

JACKET COLORS & APPLICATIONS

GF70-24A429	White	Laser Markable
GF70-24A429-3	Orange	Flight Test Data

ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.14" (3.56 mm)
Weight	14 lbs/1000 ft (20.83 kg/1000 m)
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	0.70" (17.78 mm)

ELECTRICAL PROPERTIES

Impedance	70Ω	
Capacitance	30 pF/ft (98.4 pF/m)	
Velocity of Propagation	70%	
DC Resistance	26.2Ω/1000 ft max. (86Ω/1000 m)	
Dielectric Voltage Rating	1.5 kV RMS	
Attenuation (+25°C)	Frequency	dB/100 ft
	1 MHz	1.4 (4.6)

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).

