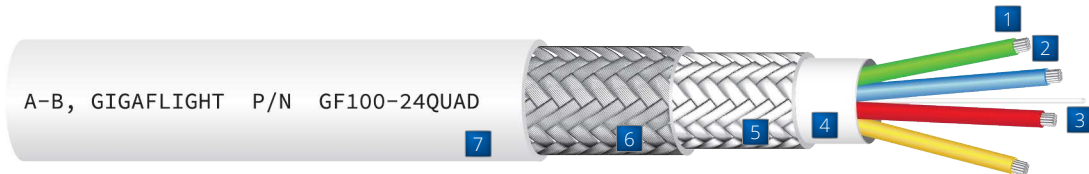


GF100-24QUAD

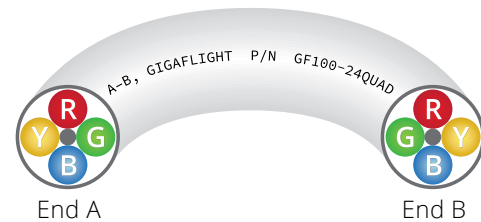
100 BASE-T QUADRAx ETHERNET CABLE



GIVING YOU OPTIONS

The GF100-24QUAD is designed to meet the ARINC 664, 100 Base-T physical lay for Ethernet. This cable is a suitable alternative to NF24Q100-01 and a drop-in replacement for the E51424. Any size 8 Quadrx contact designed for NF24Q100-01 and E51424 will also work with GF100-24QUAD.

Our Quadrx cable is available in different color jackets to accommodate your applications. Please call for availability.



CABLE CONSTRUCTION

1	Center Conductor	24 AWG Silver-plated Copper Alloy
2	Insulation	Foamed FEP
	Color Code	Pair 1: Red, Blue; Pair 2: Yellow, Green
3	Filler	White Fluoropolymer
4	Binder	PTFE Tape
5	Inner Shield	Tin-plated Copper Strip Braid
6	Outer Shield	38 AWG Tin-plated Copper Braid
7	Jacket	White ETFE-Laser Markable Tefzel

ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.160"
Weight	22 lbs per 1000 ft
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	0.80" (installation)

ELECTRICAL PROPERTIES

Impedance	100Ω	
Capacitance	13 pF per ft	
Velocity	80%	
DC Resistance	28.5Ω/1000 ft	
Attenuation (+25°C)	Frequency	dB/100 ft
	10 MHz	25.0
	100 MHz	19.0

JACKET COLORS & APPLICATIONS

GF100-24QUAD	White	Laser Markable
GF100-24QUAD-2	Red	Secure Data
GF100-24QUAD-6	Blue	Standard Data
GF100-24QUAD-3	Orange	Flight Test Data
GF100-24QUAD-5	Olive Drab	Covert Subdued

All GIGAFLIGHT aerospace cables are designed to be resistant to Skydrol, are RoHS & REACH compliant and will meet Federal Aviation Regulations 14 CFR Part 25.869(a)(4) Amendment 25-113, Appendix F Part I(a)(3)

