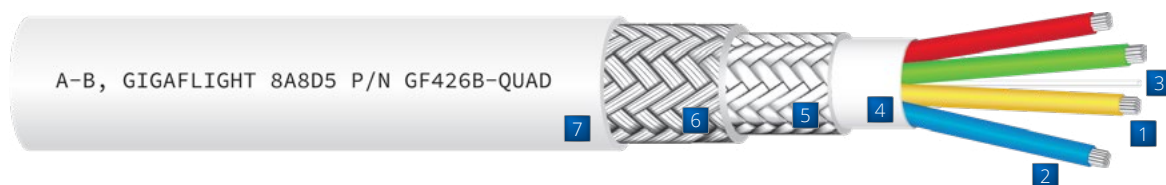


# GF426B-QUAD

26 AWG, 10/100BASE-T QUADRAx ETHERNET CABLE



## GIVING YOU OPTIONS

The GF426B-QUAD is designed as a 100 Ohm Quadrx Ethernet cable, 10/100Base-T that has a small outer diameter and is lightweight. This cable is an identical alternative to PIC's E51426, as well as a suitable alternative to Carlisle's NF26Q100-01 and MX100Q-26. Any size 8 Quadrx contact designed for NF26Q100-01, MX100Q-26 or E51426 will also work with the GF426B-QUAD. GIGAFLIGHT provides tested Quadrx assemblies per the customer's specification.

The GF426B-QUAD is available in different color jackets to accommodate your application. Please contact GIGAFLIGHT for details and availability.



### CABLE CONSTRUCTION

1	Center Conductor	26 AWG Stranded, Silver-plated HSCA
2	Insulation	Solid, High-temp Fluoropolymer
	Color Code	Pair 1: Red, Blue; Pair 2: Yellow, Green
3	Filler	Fluoropolymer
4	Binder	PTFE Tape
5	Inner Shield	Tin-plated Copper Strip Braid
6	Outer Shield	38 AWG Tin-plated Copper Round Braid
7	Jacket	White, Laser-markable Tefzel

### JACKET COLORS & APPLICATIONS

GF426B-QUAD	White	Standard
GF426B-QUAD-2	Red	Secure Data
GF426B-QUAD-3	Orange	Flight Test Data

### ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.136" (3.45 mm)
Weight	18 lbs/1000 ft (26.79 kg/1000 m)
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	0.7" (17.78 mm)

### ELECTRICAL PROPERTIES

Impedance	100Ω	
Capacitance	13 pF/ft (42.65 pF/m)	
Velocity	70%	
Dielectric Voltage Rating	1.5 kV RMS	
DC Resistance (max)	44.8 Ω/1000 ft (146.98 Ω/1000 m)	
Attenuation	Frequency	dB/100 ft (m)
	10 MHz	2.8 (9.2)
	100 MHz	9.6 (31.5)

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).

