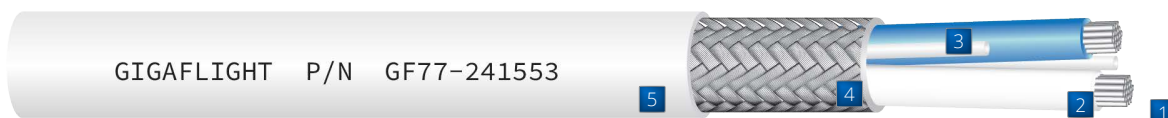


GF77-241553

LASER MARKABLE 1553 DATABUS



WHITE JACKETED 1553 DATABUS

The GF77-241553 is designed to meet the electrical requirements of M17/176-00002, commonly referred to as 1553 data bus. The main difference between the GF77-241553 and the M17/176 is the GF77-241553 has a laser markable jacket and the M17/176 has a blue tint jacket. In the age of laser marking equipment, our design team feels that this slight alteration will become the standard. This cable is a suitable alternative to PIC's G771553.

The GF77-241553 is currently available in two jacket colors, standard Laser Markable White and Flight Test Orange.

JACKET COLORS & APPLICATIONS

GF7-241553	White	Laser Markable
GF7-241553-3	Orange	Flight Test Data

ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.125"
Weight	17 lbs per 1000 ft
Operating Temperature	-55°C to +200°C
Minimum Bend Radius	0.65"

CABLE CONSTRUCTION

1	Conductors	24 AWG Stranded Silver-plated Copper Alloy
2	Inner Insulation	Solid Fluoropolymer
	Color Code	White, Blue
3	Filler	FEP
4	Outer Shield	38 AWG Silver-plated Copper Braid
5	Jacket	White, laser-markable, Tefzel

ELECTRICAL PROPERTIES

Impedance	77Ω	
Capacitance	24 pF per ft	
Velocity of Propagation	68%	
DC Resistance	28.4Ω/1000 ft max.	
Dielectric Voltage Rating	1.5 KV RMS	
Attenuation (+25°C)	Frequency	dB/100 ft
	1 MHz	1.4

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).

