GIGAFLIGHT® CONNECTIVITY INC.

...Your *form*, *fit* & *function* provider

GF5-TX151D

LOW-LOSS HIGH-PERFORMANCE TRIAX

HIGH PERFORMANCE TRIAXIAL CABLE

Designed to handle environments sensitive to EMI, the 50-ohm Triaxial cable GF5-TX151D, an identical alternative to L8620TX, is equipped with a stranded, silver-plated copper center conductor, dual tin-plated copper braid shields, and a durable, laser-markable ETFE jacket. This cable is perfect for applications like radar systems, where protection against RFI and noise is critical. With its additional outer braid shield, it minimizes noise pick-up and improves the signal-to-noise ratio. For the best results, use triaxial connectors that maintain the isolation of both shields.

CABLE CONSTRUCTION		
1	Center Conductor	21 AWG Stranded Silver-plated Copper
2	Dielectric	Foamed, High-temp Fluoropolymer
3	Inner Shield	Composite Foil
4	Outer Shield	38 AWG Tin-plated Copper Braid
5	Inner Jacket	White, Laser-markable ETFE
6	Triax Shield	38 AWG Tin-plated Copper Braid
7	Outer Jacket	White, Laser-markable ETFE

ENVIRONMENTAL & MECHANICAL PROPERTIES	
Outer Diameter	0.173" (4.39mm)
Weight	29lbs/1000ft (43.16kg/1000m)
Operating Temperature	-55°C to +150°C
Minimum Bend Radius	0.85" (21.59mm)

ELECTRICAL PROPERTIES		
Impedance	50Ω	
Capacitance	28 pF/ft (91.86 pF/m)	
Velocity	79%	
DC Resistance	11.6 Ω/1000 ft (38.06 Ω/1000m)	
Time Delay	1.28 ns/ft (4.2 ns/m)	
Shield Effectiveness	>-90 dB	
Attenuation (+25°C)	Frequency	dB/100ft (m)
	400 MHz	9.1 (29.9)
	1000 MHz	15.1 (49.5)
	1600 MHz	19.7 (64.6)
	3000 MHz	28.9 (94.8)

All tests performed in accordance with MIL-DTL-17

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).

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