

# GF5-67T

LOW-LOSS HIGH-PERFORMANCE COAX



## GIVING YOU OPTIONS

GIGAFLIGHT's 50Ω coaxial cable, GF5-67T is a suitable electrical alternative to PIC's S33141. To save time in assembly builds and reduce cable weight—14% lighter than the S33141—GIGAFLIGHT uses a white, laser-markable Fluoropolymer jacket.

All of our connectors designed for the GF5-67T are interchangeable with PIC's 1903XX series connectors. For more information, please contact GIGAFLIGHT today.

### CABLE CONSTRUCTION

1	Center Conductor	14 AWG Stranded Silver-plated Copper
2	Dielectric	Low-density PTFE
3	Inner Shield	Silver-plated Copper Flat Strip Braid
4	Interlayer	Composite Foil
5	Outer Shield	36 AWG Silver-plated Copper Braid
6	Jacket	White, laser-markable Tefzel

### CONNECTORS

STYLE	P/N	STYLE	P/N
TNC Straight	GF5-TS67T	N Straight	GF5-NS67T
TNC 90°	GF5-TA67T	N 90°	GF5-NA67T
TNC Bulkhead	GF5-TB67T	N Bulkhead	GF5-NB67T
BNC Straight	GF5-BS67T	SMA Straight	GF5-SS67T
BNC 90°	GF5-BA67T	SMA 90°	GF5-SA67T
		SMA Bulkhead	GF5-SB67T

### ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.248" (6.29mm)
Weight	57 lbs/1000ft (84.83kg/1000m)
Operating Temperature	-55°C to +200°C
Minimum Bend Radius	1.25" (31.75mm)

### ELECTRICAL PROPERTIES

Impedance	50Ω	
Capacitance	25 pF/ft (82.02 pF/m)	
Velocity	80.5%	
DC Resistance	2.9 Ω/1000ft (9.51 Ω/1000m)	
Time Delay	1.26 ns/ft (4.13 ns/m)	
Shield Effectiveness	-90 dB	
Attenuation (+25°C)	Frequency	dB/100ft (/100m)
	150 MHz	2.5 (8.2)
	1000 MHz	6.7 (21.9)
	1600 MHz	8.6 (28.2)
	2400 MHz	10.5 (34.5)
5000 MHz	15.5 (50.9)	



For more attenuation values at different frequencies, view our virtual calculator!

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).

