

...Your form, fit & function provider

GF5-263D

LOW-LOSS HIGH-PERFORMANCE RG316 TYPE COAX



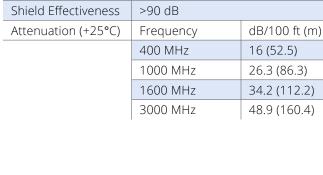
## **GIVING YOU OPTIONS**

GIGAFLIGHT's 50 $\Omega$  coaxial cable, GF5-263D, is designed as an identical alternative to PIC's S31601. Built with the same materials and matching electricals, GIGAFLIGHT has simplified your design in approvals. Different than the MIL-SPEC RG316, the GF5-263D has a laser-markable jacket and a foil shield along with a round wire braid that improves the shielding effectiveness. GIGAFLIGHT's GF5-263D is compatible with any MIL-SPEC RG316 series connectors.

CABLE CONSTRUCTION		
1	Center Conductor	26 AWG Stranded, SPCCS
2	Dielectric	Solid PTFE
3	Inner Shield	Composite Foil
4	Outer Shield	38 AWG Silver-plated Copper Braid
5	Jacket	White, Laser-markable Tefzel

## **ENVIRONMENTAL & MECHANICAL PROPERTIES**

Outer Diameter	0.1" (2.54 mm)
Weight	10 lbs/1000 ft (14.88 kg/1000 m)
Operating Temperature	-55°C to +200°C
Minimum Bend Radius	0.5″ (12.7 mm)



50Ω

69.5%

32 pF/ft (104.98 pF/m)

1.45 ns/ft (4.76 ns/m)

84.1 Ω/1000 ft (275.92 Ω/1000 m)

**ELECTRICAL PROPERTIES** 

Impedance

Capacitance

DC Resistance

Time Delay

Velocity



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).

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