

GF228A-5E

28 AWG, LASER-MARKABLE TWINAX CABLE



GIVING YOU OPTIONS

The GF228A-5E is a 28 AWG, 100Ω cable designed to deliver 10/100Base-T Gigabit performance in accordance to ANSI/TIA-568-C.2. With a 90% round wire braided shield, this design provides ample protection against EMI in the vast majority of applications.

Please contact GIGAFLIGHT for a quote.

ENVIRONMENTAL & MECHANICAL PROPERTIES

Outer Diameter	0.114" (2.90 mm)
Weight	8.5 lbs/1000 ft (12.65 kg/1000 m)
Operating Temperature	-55°C to +200°C
Minimum Bend Radius	0.56" (14.22 mm)

ELECTRICAL PROPERTIES

Impedance	100 Ω	
Capacitance	14.3 pF/ft (46.92 pF/m)	
Velocity of Propagation	70%	
DC Resistance (max)	63.8 Ω/1000 ft (209.3 Ω/1000 m)	
Dielectric Voltage Rating	1.5 kV RMS	
Attenuation (+25°C)	Frequency	dB/100 ft (m)
	10 MHz	3.6 (11.81)
	100 MHz	10.8 (35.43)

CABLE CONSTRUCTION

1	Conductor	28 AWG Stranded Silver-plated Copper
2	Insulation	Solid, High-temp Fluoropolymer
3	Shield 1	40 AWG Silver-plated Round Braid
4	Jacket	White, Laser-markable Tefzel

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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