



E10024066

Technical Specification

100 ohm single pair shielded data cable for use in 100 Base-T ethernet applications within airborne and other harsh environments. This cable meets the requirements of FAR 25.853/Appendix F, Part 1 (a)(3) for burn/smoke test and complies with RoHS (directive 2002/95/EC)

1st shield Diameter (in)	0.121
1st shield Diameter (mm)	3.07
Application	Aerospace, Military
Conductor Diameter Min (in)	0.0295
Conductor Diameter Min (mm)	0.75
Conductor Material	Silver Plated High Strength Copper Alloy
Conductor size (awg)	24
Diameter over insulation - Min. Inch	0.052
Diameter over insulation - Min. (mm)	1.32
Insulation Material	Composite fluoropolymer
Jacket diameter (in)	0.138
Jacket diameter (mm)	3.5
Jacket Material	FEP
Manufacturer	Harbour
Maximum Temperature °C	200
Minimum Temperature °C	-55
Number of cores	2
Stranding (awg)	19
Weight (kg/km)	22.4
Weight (lbs/kft)	15
Attenuation @ 100MHz (dB/100ft)	6.8
Impedance (ohms)	100
Capacitance (pF/ft)	13
Velocity of propagation (%)	80

For technical assistance or to order this product please contact Giotech on:
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