



E10024064

Technical Specification

Harbour's DataMaster AeroBIT cables provide exceptional 1000 Base-T performance. These 200^o C rated, highly durable cables can be used in demanding data applications. Applications:

- Ethernet Backbone
- Avionics
- In-flight Entertainment Systems
- Cabin Management Systems
- Ground Vehicle Bus

Complies with RoHS (directive 2002-95/EC) Meets the requirements of FAR 25.853

1st shield Diameter (in)	0.214
1st shield Diameter (mm)	5.43
1st Shield material	Aluminum/Mylar tape 100%
2nd shield Diameter (in)	0.23
2nd shield Diameter (mm)	5.84
Conductor Diameter Max (in)	0.6
Conductor Diameter Min (in)	0.235
Conductor size (awg)	24
Diameter over insulation - Min. Inch	0.038
Diameter over insulation - Min. (mm)	0.97
Insulation Material	FEP
Manufacturer	Harbour
Maximum Temperature °C	200
Minimum Temperature °C	-55
Stranding (awg)	19/38
Weight (kg/km)	75
Weight (lbs/kft)	50
Attenuation @ 100MHz (dB/100ft)	6.8
Capacitance (pF/m)	47.6
Capacitance (pF/ft)	14.5
Velocity of propagation (%)	70
NEXT @ 100MHz (dB)	35.3

For technical assistance or to order this product please contact Giotech on:
Tel: +44 (0) 1202 890975 Email: info@giotech.eu

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