NETflight® Ethernet Cables for Databus, Avionics & IFE Systems

NETflight® Ethernet Cable

INTRODUCTION

Carlisle Interconnect Technologies (CarlisleIT) has been in the wire and cable business for more than 80 years with a long-standing reputation for supporting the ever-changing needs of high-speed data transmission in the aerospace and defense industries. NETflight® cables are built with small-envelope, lightweight housing and offer faster bandwidth speeds to meet the demands of new technology and increasingly higher data transmission requirements. Both standard and custom configurations are available for instrumentation, control, and signal applications of various types. When performance and innovation matters, CarlisleIT is the key to your program's success.

APPLICATIONS

» 10-G
» Ethernet 100 Base-T
» Ethernet 1000 Base-T
» Fibre Channel
» ARINC 628, 629, & 664
» LVDS
» USB
» IEEE 1394

» CEPT-E1
» CANbus
» DVI
» Serial ATA
» HDMI
» PCI-Express
» DisplayPort 1.1 & 1.2

FEATURES	BENEFITS
High-speed transmission	• The use of extruded, expanded PTFE as the dielectric provides the best time delay performance and the lowest loss. The result is lower attenuation and a larger bandwidth.
Flight-proven design	• CarlisleIT databus cables are utilized extensively in commercial aircraft platforms such as the Boeing 787
Low smoke and flame generation	• Best balance of properties in material selection leads to very low smoke generation and superior resistance to flammability. Exceeds Requirements of FAR 25.869, Appendix F
Custom designs available	• CarlisleIT produces a variety of configurations from simple twisted, shielded pairs, full duplex and quad cables to complex multi-conductor designs

CARLISLE INTERCONNECT TECHNOLOGIES®

See our complete line of high-speed digital data cables at:
CarlisleIT.com/products/wire-cable/high-speed-digital-data-cables

+1 (800) 458-9960
Sales@CarlisleIT.com