



NETflight® Ethernet Cable

INTRODUCTION

Carlisle Interconnect Technologies (CarlisleIT) has been in the wire and cable business for over 70 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 BaseT
- » Ethernet 1000 BaseT
- » Fibre Channel
- » Arinc 628, 629 & 664
- » LVDS
- » USB
- » IEEE 1394
- » CEPT-E1
- » CAN BUS
- » 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 data bus 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.