



Qualification by Similarity

(GIGAFLIGHT's Data bus & Coax Cables)

GIGAFLIGHT's coaxial cables and Data bus cables are designed to use high temperature, non-toxic materials.

The materials used in GIGAFLIGHT's aerospace cables include FEP, PTFE, & ETFE.

GF7-TX303D with ETFE jacket insulation and GF5-71T with FEP jacket insulation were tested for the following tests:

Smoke Index per Airbus ABD 0031, (AITM 2.0008B)

Smoke Index per 14 CFR Part 25.853 (d), Boeing BSS 7238

Toxicity Index per Airbus ABD 0031, (AITM 3.0005)

Toxicity Index per Boeing BSS 7239

The materials used in GF7-TX303D and GF5-71T are the same materials used GIGAFLIGHT's aerospace Data bus, Ethernet, Triaxial, and Coaxial cables.

By material similarity, GIGAFLIGHT's aerospace cables are qualified by similarity and therefore qualified to be used in aerospace applications.

Date: October 15 2021

A handwritten signature in blue ink that reads "Chuck Chapman". The signature is fluid and cursive, written in a professional style.

Chuck Chapman
Product Engineering Manager
GigaFlight Connectivity, Inc.

