

# Selection Guide for Energy-Saving Aviation-Grade Active Optical Cables

Explore GIGAFLIGHT's high grade cable assemblies, designed for the harsh environments of aerospace and defense applications. From standard to coax shipsets, our range ensures compatibility with ...

This document is designed to be a reference guide and baseline in which minimum requirements are outlined for electrical connectors that will be used in any space environment.

The three standards detailed in this guide--addressing temperature cycling, mechanical bending, and product-specific construction for optical cables--represent the gold standard for ...

Application selection is based on attenuation (loss budget), and compatibility with a particular RF / microwave connector type and size, as well as flexibility, EMI screening, weight considerations, ...

Aircraft Cable Selection Guide: AWG Standards and Temperature Ratings Selecting the right cable for aircraft applications is critical for ensuring safety, performance, and compliance with industry standards.

Aircraft Cable ... Aircraft Control Assemblies ce speaks for itself. Loos & Co., Inc. supplies cable assemblies to Bombardier, Lockheed Martin, and most every major manufacturer of commercial nd ...

Available as space-rated active optical cables and ruggedized active optical cables, AirBorn FOCuS cables meet NASA and MIL standards for outgassing and EMI performance, making them ideal ...

UAV cable selection needs to comprehensively consider environmental adaptability, electrical performance, and mechanical strength. The ...

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Explore three crucial international standards for aerospace optical equipment: SIST EN 3745-306:2025, SIST EN 3745-510:2026, and SIST EN 4641-102:2025. This comprehensive ...

Inductors Other Space Agency EEE Parts Selection Listings European Space Agency (ESA) NASA Parts Selection List Wire and Cable Application Guide: Wire Insulation Selection Guideline The ...

We engineered these fiber cable assemblies with Space, Military, Industrial, and Commercial Aviation applications in mind -- but their practical uses extend into many industries.

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High-speed fiber networks are increasingly required in numerous aerospace applications, such as Avionics and Inflight-Entertainment, to transmit high volumes of data while gaining weight-savings.

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