Let Us Help You Convert to Fiber Optics
Application Checklist

Originator Contact Information

Contact Name and Title _____

Company Name/Division _____

Street Address _____

City and State/Province _____

Country and Postal Code/Zip _____

Telephone _____ Fax _____ Email _____

Name of Project or Program: _____ Description: _____

_____

Initial Quantity: _____ Required Delivery Date: _____ Potential Long-term Quantity: _____

Cable Specifications

Fiber Size (Multimode)

☐ 50/125 µm
☐ 62.5/125 µm
☐ 100/140 µm
☐ Other

Fiber Size (Singlemode)

☐ 9/125 µm
☐ Other _____

Cable Construction

☐ Simplex
☐ Multichannel/No. of Fibers: _____
☐ Hybrid Fiber & Electrical
Electrical Requirements:
Overall Shield: ☐ Yes ☐ No
Wire Size: _____ AWG
No. of Wires: _____

Temperature Requirements:

Operating: - °C ____ +°C____
Storage: - °C ____ +°C ____

Optical Performance:

☐ ≤ .5 dB
☐ ≤1.0 dB

Is Return Loss (Back Reflection) a Concern?

☐ Yes ☐ No
If Yes, Specify Desired Performance Value:
_____dB

Operating System Wavelength

☐ 850 nm
☐ 1300 nm
☐ 1550 nm

Application Specifications

Intended Use

☐ Avionics/Airframe
☐ Shipboard
☐ Ground Support
☐ Rail/Mass Transit
☐ Space
☐ Missile Defense
☐ Telecommunications
☐ Other

Cable Installation

☐ Internal-to-Equipment
Strain relief:
☐ Not Applicable
☐ Light Duty
☐ Medium Duty
☐ Heavy Duty
☐ Gorilla Proof

Level of Environmental Protection

☐ Not Applicable
☐ Moisture Resistance
☐ Full Water Immersion
☐ Chemical/Caustic Fluid Resistance
☐ Extreme Corrosion Resistance
☐ Intense Atomic Radiation

Assembly Length Requirements

☐ Less than 10 Meters
☐ 10 to 150 Meters
☐ More than 150 Meters

Special Considerations

☐ Weight Reduction Required
☐ Field Repairability Required
☐ Size or Shape Restraints as Specified: _____

_____

_____

List the non-Glenair connectors used in this project, including connector interface designators, if known:

_____

_____

_____

List jacket/sheath or other wire/fiber protection materials such as conduit, including material type and brand:

_____

_____

_____

_____

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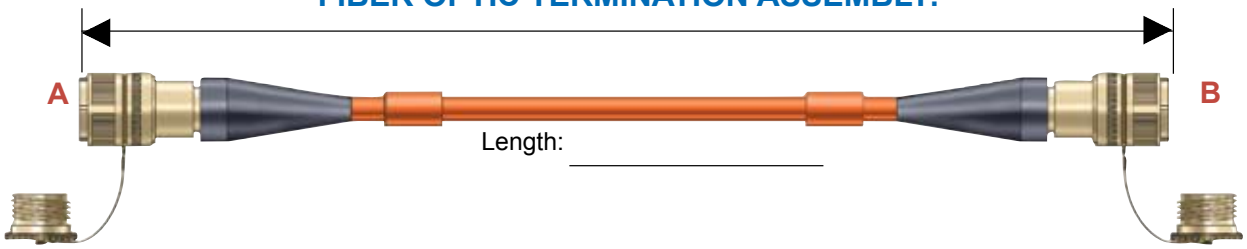
Application Checklist

The Application Checklist forms on this page and on page 18 (left) has been provided to serve as an initial guide to assist you with the specification of Glenair fiber optic cable assemblies or harnesses. After copying the form and filling in the appropriate blanks, please feel free to fax or mail the completed forms to your local Glenair engineering/sales representative, or directly to the Glenair factory for a quote. Should additional information be required, we will contact you.

FIBER OPTIC TERMINATION ASSEMBLY:



A Connector:

☐ Jam Nut or ☐ Square Flange or ☐ Plug
☐ Pin ☐ Skt ☐ Genderless ☐ Contact Qty _____

MIL-DTL-38999 Style _____

GHD High Density _____

MIL-PRF-28876 Style _____

Next Generation (NGCON) _____

GFOCA Hermaphroditic _____

Custom Connector _____

Termini Part No. _____

Dust Cover: ☐ Yes ☐ No

B Connector:

☐ Jam Nut or ☐ Square Flange or ☐ Plug
☐ Pin ☐ Skt ☐ Genderless ☐ Contact Qty _____

MIL-DTL-38999 Style _____

GHD High Density _____

MIL-PRF-28876 Style _____

Next Generation (NGCON) _____

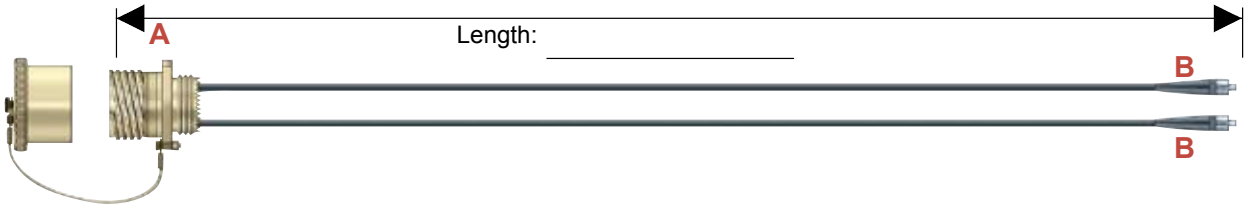
GFOCA Hermaphroditic _____

Custom Connector _____

Termini Part No. _____

Dust Cover: ☐ Yes ☐ No

FIBER OPTIC BREAKOUT ASSEMBLY:



A Connector:

☐ Jam Nut or ☐ Square Flange or ☐ Plug
☐ Pin ☐ Skt ☐ Genderless ☐ Contact Qty _____

MIL-DTL-38999 Style _____

GHD High Density _____

MIL-PRF-28876 Style _____

Next Generation (NGCON) _____

GFOCA Hermaphroditic _____

Custom Connector _____

Termini Part No. _____

Dust Cover: ☐ Yes ☐ No

B Connector:

ST Connector _____

FC Connector _____

SC Connector _____

SMA Connector _____

LC Connector _____

Other _____