Product Overview
Fiber Optic

MIL-DTL-83526
- 2 and 4 channels, multimode or singlemode
- Rugged hermaphroditic construction
- MIL-DTL-83526/20A/21A and mixed mode variants
- Optical performance:
  - MM: IL < 1.0dB, 0.8dB typical
  - SM: IL < 1.5dB, 1.0dB typical; RL > 32dB
- Cable assemblies with bulkhead and plug

Junior
- 2 and 4 channels, multimode or singlemode
- Rugged hermaphroditic construction
- Compatible with MIL-DTL-83526/20A/21A and mixed mode variants
- Optical performance:
  - MM: IL < 1.0dB, 0.8dB typical
  - SM: IL < 1.5dB, 1.0dB typical; RL > 32dB
- Nickel aluminum bronze for marine environments
- Cable assemblies with bulkhead and plug

J-Lite
- Singlemode and multimode options
- Field terminable using standard termination tools & equipment
- Field repairable: EB insert & shell parts replaceable / reusable
- 2 & 4 channel plugs and bulkheads
- Low profile and forward flange options for bulkhead
- Lightweight and cost effective

Mini
- Miniature housing 21mm diameter
- 1-4 channel, multimode or singlemode
- Rugged hermaphroditic construction
- Optical performance:
  - MM: IL < 1.5dB
  - SM: IL < 2.0dB
- Cable assemblies with bulkhead and plug

Senior
- 1 to 8 optical channels
- Fiber optic / electrical hybrid variants
- Singlemode or multimode
- Low insertion loss / high return loss
- Field terminable / repairable
- Hermaphroditic design
- Aluminum, nickel aluminum bronze or stainless steel shell options

Maxi
- 12 or 16 channels, multimode
- Optical performance:
  - MM: IL < 1.0dB, 0.8dB typical
  - SM: IL < 1.5dB, 1.0dB typical; RL > 32dB
- Cable assemblies with bulkhead and plug

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**Product Overview**

**Fiber Optic**

**D38999 Series III**
- Available in size 11, 13, 15, 17 shell sizes
- 1 to 16 channels, depending on shell size
- Singlemode or multimode
- Blind mate, fully sealed (IP67)
- Straight or 90° backshell options

**GeoBeam EX**
- 2, 4, 6, & 8 channel options
- Singlemode and multimode options
- Front and rear mounted flange mounts
- Power and signal contacts combined with optical channels

**Dura-Con EB**
- 2, 4, 6, & 8 channel options
- Singlemode and multimode options
- Front and rear mounted flange mounts
- Power and signal contacts combined with optical channels
- Hybrid versions available

**Cable Assemblies**
- Field deployable reels available
- Rugged construction
- Field serviceable – easy to clean
- Cable assemblies with bulkhead and plug
- Variable lengths

**Field Splice Kit**
- Repairs severed 1 to 4 fiber MIL-TAC cable
- Mechanical or fusion splice
- Multimode or singlemode
- Re-usable
- Fully sealed
- Flexible versions available

**Custom Design**
- Hybrid solutions available
- Suited to your specific application
- Stainless steel options

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