

Features:

- Aligns POF ARINC 801 Ferrules with EPX and ARINC 600 type connectors
- Insertion Loss: 1.75 dB
- Tested to TIA-455 Shock, Vibration, Humidity, Temperature Cycling, and Altitude Immersion specifications
- Novel plastic alignment sleeve design with airgap



Constant Pressure Alignment Insert to Connect Plastic Optical Fiber in Harsh Environments



Commercial Aerospace



Military Tactical



Military Aerospace



Industrial and Oil & Gas



Undersea Networking



Military Sensing

General Description

The POF ASR allows the connection of POF ARINC 801 to POF ARINC 801 with EPX and ARINC 600 style connectors. The novel plastic alignment sleeves create an airgap between plastic optical fiber endfaces, allowing repeated installation and removal cycles without endface damage. The POF ASR is compliant with existing connector inserts for ARINC 801 without modification.

Mechanical Specifications

- 12 lbf Terminus and Cable retention
- Anodized aluminum body, passivated stainless steel hardware, and polyetherimide alignment sleeves
- Compatible with existing EPX and ARINC 600 style connectors

Environmental Specifications

- Temperature tested for operation over -55°C to 85°C
- Shock and Vibration tested per TIA-455
- Humidity and Temperature tested per TIA-455
- Altitude Immersion per TIA-455

Ordering Information

- EPX compatible PN: BAC10AU12RPM
- ARINC 600 compatible PN: BAC10AU12RPMA

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