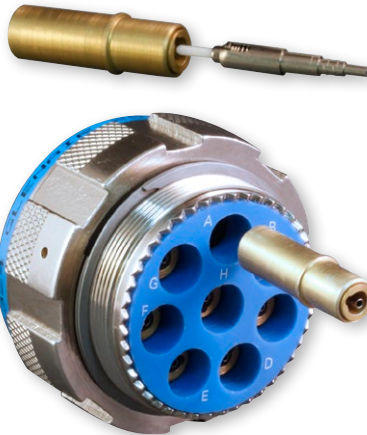


**059-0001**  
**D38999 Size 8 Cavity Adapter Kit**



**Size 8 cavity adapter kit for ARINC 801 terminus**



The Glenair Size 8 cavity adapter will convert industry standard D38999 Size 8 cavities (Coax, Twinax, or Quadax) into ARINC 801 fiber optic cavities. Cavity adapters are recommended to be used with Glenair series 233-105 connectors. For compatibility with other series connectors, please contact factory.

**How To Order: Kit with adapter and an ARINC 801 terminus with crimp sleeve**

**Cable Structure**

**P** = Pull proof (loose structure cable)  
**N** = Non-pull-proof (tight structure cable or 900 micron buffer)

**Size 8 Cavity Adapter**

**059 - 0001 - P - 1255**

**Active Product Code**

**Cable Jacket Diameter**  
**A** = 900 micron buffer only  
**-** = 2.0/1.7 mm

**Assembly Dash No.**  
(See Table I, next page)

**How To Order: Adapter only, no terminus**

**Size 8 Cavity Adapter**

**059 - 0001**

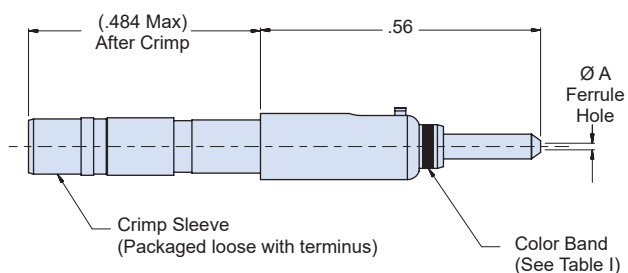
**Active Product Code**

**Notes**

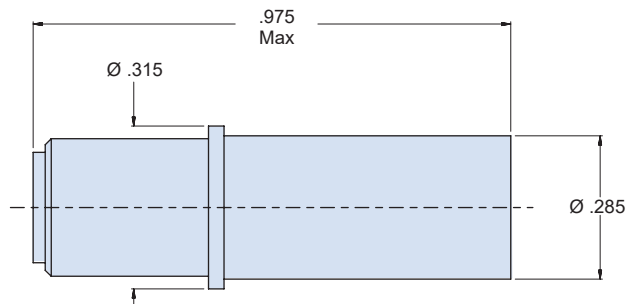
1. Consult factory for appropriate termination and assembly tools/procedures
2. Crimp sleeve is packaged loose with terminus assembly
3. Termini for 900 micron buffer only are not provided with a crimp sleeve
4. Packaging identified with Glenair name, CAGE code, part number, and date code.
5. For more information on ARINC 801 style termini, see Glenair drawing 181-076
6. Cavity reducer is compatible with any standard size #8 socket cavity per D38999 Series III
7. For terminus cleaning tool, use P/N GCLT-H125
8. Recommended insertion/extraction tool for terminus: P/N M81969/14-03
9. Recommended extraction tool for reducer: P/N M81969/14-12

**Material/Finish**

- Terminus Ferrule: Zirconia Ceramic
- Terminus Bodies: Brass Alloy/Nickel
- Crimp Sleeve: Brass Alloy/Nickel
- Spring: Stainless Steel/Passivate
- Cavity reducer: Al alloy/Iridite
- Cavity reducer contact retainer: copper alloy



ARINC 801 Style Terminus



Cavity Adapter

| Table I: Ceramic Ferrule |            |                 |                                           |                        |            |
|--------------------------|------------|-----------------|-------------------------------------------|------------------------|------------|
| Dash No.                 | ØA Microns | Typ. Fiber Type | Typ. Fiber Size (micron)<br>Core/Cladding | Ferrule<br>Polish Type | Color Band |
| -1255                    | 125.5      | Singlemode      | 9/125                                     | PC                     | Blue       |
| -126                     | 126.0      | Multimode       | 50/125, 62.5/125                          | PC                     | None       |

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