

Product selection guide



ABOUT SERIES 806 MIL-AERO FIBER OPTIC

Glenair is the ruggedized harsh-environment fiber optic connector market leader. We manufacture and supply mil-qualified termini for use in MIL-DTL-38999 Series III type connectors including Glenair SuperNine, ARINC 801, and Glenair High Density (GHD). The Series 806 Mil-Aero is our highest density connector series built IAW D38999 Series III specifications—including vibration, shock, and high-altitude immersion. In fact, the Series 806 conforms to every MIL-DTL-38999 Series III standard requirement, but does so in a micro miniature reduced size and weight format, which now includes fiber optic configurations with sizes 16 and 20HD pin and socket termini. These ultra high density fiber optic termini are snap-in, rear release designs featuring precision ceramic ferrules and alignment sleeves for accurate fiber alignment. Typical insertion loss 0.5 dB. Fits 50/125 and 62.5/125 multimode and 9/125 singlemode fiber. Connectors are available with accessory thread or band shield termination porch for easy termination of optical media Kevlar strength member or EMI shielding (hybrid applications).

Series 806 Mil-Aero

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680-120-20HD	Dummy Sealing Plug, Size 20HD	E-3
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440V*213	F/O Banding Backshell for Hybrid Copper/Fiber Applications	E-14
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DIMENSIONAL NOTES

- Catalog dimensions are subject to change without notice. Consult Glenair engineering for a controlled-release drawing.
- Metric dimensions appear in parentheses in diagrams and tables, based on 1 inch = 25.4 mm, for reference only.
- Unless otherwise specified, the following other dimensional tolerances apply:
 - .xx = ± .03 (0.8) • .xxx = ± .015 (0.4) • Angles = ± 5°