

LIGHTWEIGHT ALUMINUM HERMETIC 38999 MATEABLE FIBER OPTIC FEEDTHRU

SOURIAU PA&E combines Kryoflex® ceramic-to-metal sealing technology with ultra lightweight materials to create truly hermetic connections

38999 SERIES III ELIO® BULKHEAD FEEDTHRU: TRULY HERMETIC PERFORMANCE FOR FIBER OPTIC APPLICATIONS

◆ Lightweight Aluminum Shells— Up to 60% Lighter Than Stainless Steel Versions



- ◆ One- and Four-Way Configurations Available
- ◆ Mates with Aluminum or Composite ELIO Connectors
- ◆ Ultra-Reliability in the Harshest Environments
- ◆ Compatible with Aluminum, Titanium and Stainless Steel
- ◆ Laser Weld and Jam Nut Configurations Available

		PERFORMANCE CONFIGURATION
SPECIFICATIONS	MATERIAL COMPATIBILITY	Designed for aluminum, titanium and stainless steel applications
	INTERFACE	Compatible with SOURIAU ELIO fiber optic products
	NUMBER OF CONTACTS	Available in one- and four-channel configurations
	FIBER TYPE	Multimode 50/125, 62.5/125 or 100/140 μm (PC shape ferrule) Contact us for information on other fiber types.
PERFORMANCE	INSERTION LOSS (IL)	< 0.3 dB per interface
	RETURN LOSS (MULTI-MODE)	< 20 dB per interface
	HERMETICITY	$\leq 1 \times 10^{-9}$ cc/sec Helium at 1 atmospheric differential pressure
	OPERATING TEMPERATURE	-55°C to +125°C

Note: SOURIAU PA&E 38999 mateable connectors are not QPL (Qualified Parts List).



SOURIAU PA&E

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