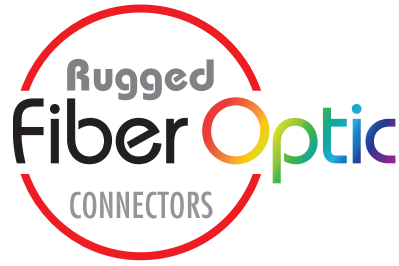
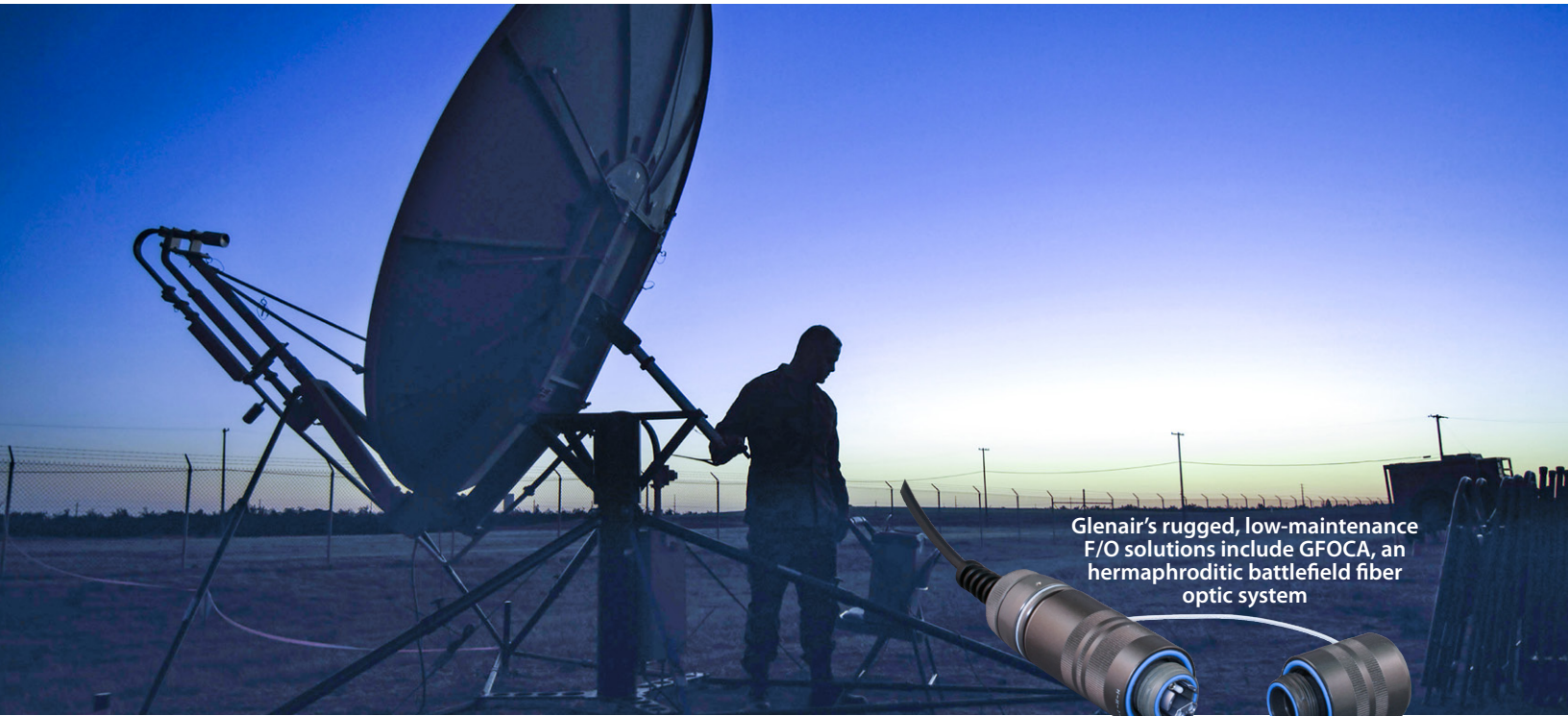


GLENAIR  
SIGNATURE  
FIBER OPTIC  
CONNECTION  
SYSTEMS



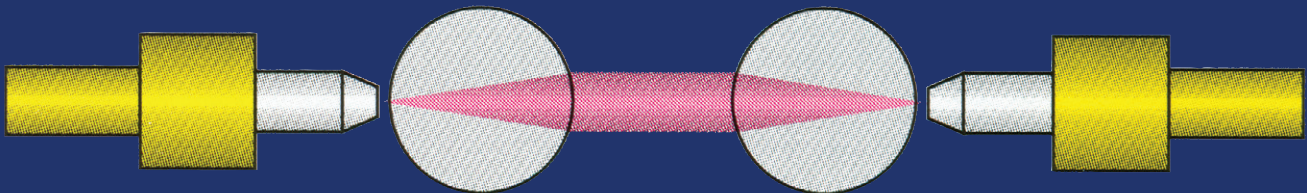
Rugged Field and  
Expanded Beam Fiber  
Optics: **Eye-Beam GLT,**  
**GMA, and Power**  
Plus **GFOCA D83526**



Glenair's rugged, low-maintenance F/O solutions include GFOCA, an hermaphroditic battlefield fiber optic system

Commonly used in harsh environmental applications such as directed energy weapons, long-run battlefield communications, and Free Space Optical applications, Glenair Expanded Beam fiber optics virtually eliminate field maintenance and cleaning difficulties, with low dB loss mating system performance rated to 1000-2000 cycles depending on fiber media selection.

#### EXPANDED BEAM TECHNOLOGY



Expanded Beam connectors utilize a sealed lens to expand the emitting beam of light from the fiber media making connections less sensitive to alignment and contaminants. The expanded beam enters an air gap between connectors and is then refocused back into the fiber of the mating half. Sealed expanded beam assemblies are ideally suited for environmental applications where optical connectors are subject to repeated mating and unmating cycles. Easy to clean, terminate, and insensitive to contamination.