

MISSION-CRITICAL
INTERCONNECT
SOLUTIONS



Glenair
SIGNATURE SERIES

STAR-PAN Light Soldier Data / Power Hub

For Improved Ground Soldier Situational Awareness





STAR-PAN™ Light

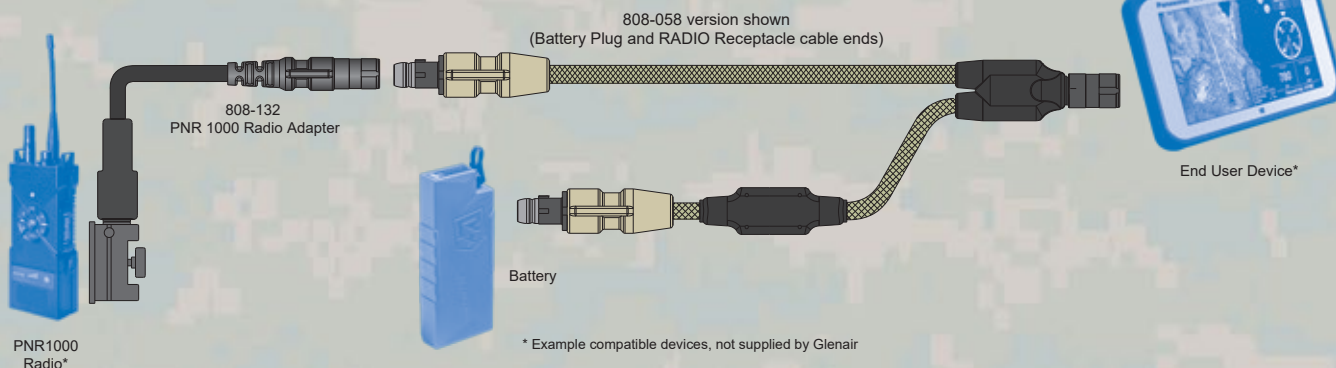
Enabling situational awareness, comms, and improved battery power autonomy for light dismounted infantry

FEATURES

- Supports power and data connectivity between soldier's EUD, pDDL (or radio), plus battery
- 5V regulator bifurcated cable optimized for plug-and-play connectivity to US- and NATO-standard devices
- Interconnect interface is Glenair Series Mighty Mouse (NATO STANAG 4695) quick-disconnect connectors
- Radio connectivity requires additional adapter cable

STAR-PAN LIGHT CAPABILITY DIAGRAM

- 1 designated host / EUD port
- 1 battery cable / port
- 1 designated peripheral cable / port (expandable for radio use with adapter cable)



WARFIGHTER TOUGH STAR-PAN™ Light



808-054

Bifurcated power and data cable with 5V regulator

OVERVIEW

The Glenair STAR-PAN™ Light is a lightweight bifurcated data and power cable, ruggedized for harsh environment dismounted soldier applications. The cable is compatible with USB1.1, USB2.0 (full and high-speed), and SMBus protocols and contains a single power port, EUD port, and single C4ISR peripheral port. For the standard dismounted soldier, STAR-PAN Light enhances soldier situational awareness and tempo on the battlefield while maintaining flexibility, scalability, interoperability and increased autonomy. All connector interfaces are compliant to the NATO STANAG 4695 standard for Soldier Power Connectors

PAN APPLICATIONS

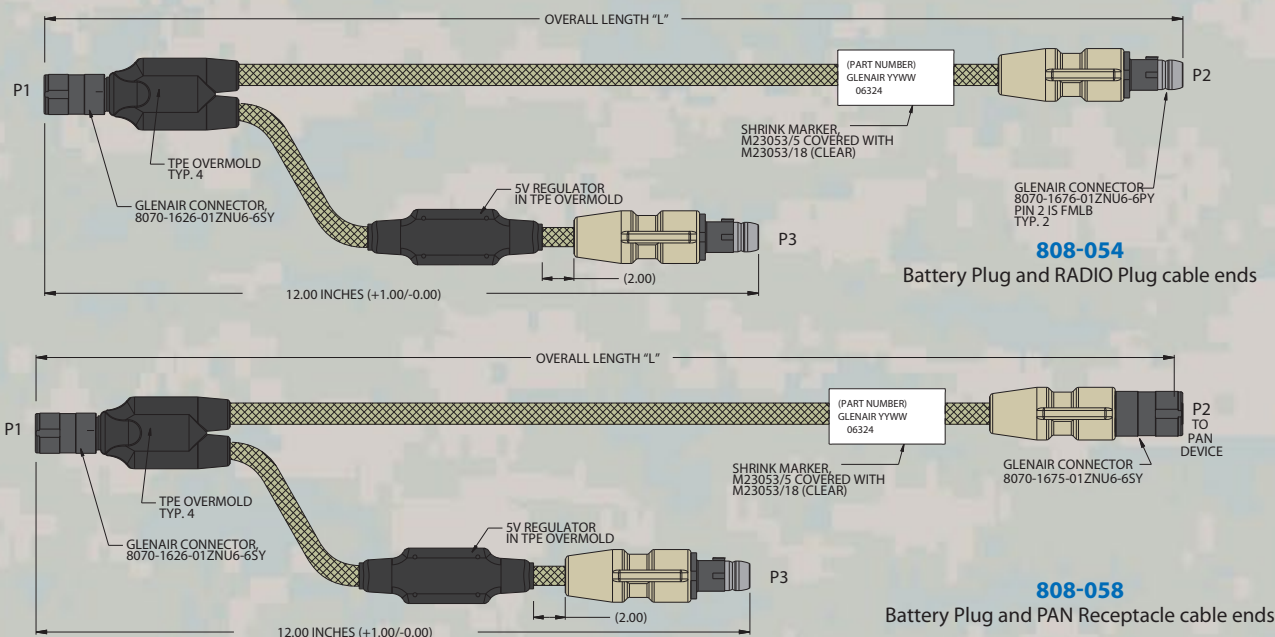
- Dismounted infantry soldier situational awareness and battery management
- Fast-moving special operations forces communications and situational awareness

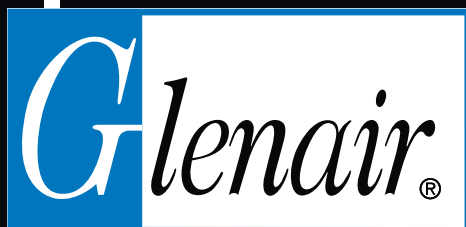
HOW TO ORDER

Sample Part Number:	808	-054	-36
STAR-PAN Series	STAR-PAN Light bifurcated cable 808-054 = battery plug and RADIO plug ends 808-058 = battery plug and PAN receptacle ends [NATO NSN 5995-01-688-2439]		
Length Designator	In inches Omit for default length of 24.00"		

PERFORMANCE SPECIFICATIONS

Operating Conditions	
Storage Temperature	-40°C to +80°C
Operating Temperature	-40°C to +55°C
Operation Altitude	9754m
Storage Altitude	15240m
Water Immersion, Mated	MIL-STD-810, Method 512, 1m for 1 hr.; IP67 rated dust / water resistant
Host & Pan	
Battery Voltage	10.0V to 20.0V, 14.8V typical
Battery Supply Current	3.5A Maximum per individual port
Battery Supply Total Current	5A total system
5VUSB Supply Voltage	4.75V to 5.1 V, 4.90V typical
5VUSB Supply Current	3A Maximum per individual port
Radio Port	
Battery Voltage	10.0V to 20.0V, 14.8V typical.
Battery Supply Current	5A maximum
+5V Back Up Supply Current	1.2A typical, based on radio supply, radio 1 primary
+5V Back Up Supply Current	.5A per port
USB +/USB -	-0.5V to +3.5V
Battery Port	
Battery Input Voltage	10V to 20V
Battery Supply Current	5A maximum system supply current





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