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)

* Example compatible devices, not supplied by Glenair

End User Device*

PNR 1000 Radio™

808-132
PNR 1000 Radio Adapter

808-058 version shown
(Battery Plug and RADIO Receptacle cable ends)
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

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>808 -054 -36</th>
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<tbody>
<tr>
<td>STAR-PAN Series</td>
<td>STAR-PAN Light bifurcated cable</td>
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<tr>
<td>Length Designator</td>
<td>In inches</td>
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</tbody>
</table>

PERFORMANCE SPECIFICATIONS

Operating Conditions
- Storage Temperature: -40°C to +80°C
- Operating Temperature: -32°C to +49°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 5.1V, 4.90V typical
- 5VUSB Supply Current: 3A Maximum per individual port
- USB +/USB -: 0.5V to +3.5V

Radio Port
- Battery Voltage: 10.0V to 20.0V, 14.8V typical. Highest priority for power management
- Battery Supply Current: 5A maximum per individual port
- +5V Back Up Supply Current: 1.2A typical, 3A max, based on radio supply, radio 1 primary
- USB +/USB -: 0.5V to +3.5V

Battery Port
- Battery Input Voltage: 10V to 20V
- Battery Supply Current: 5A maximum system supply current
- SMBus Data: 0.5V to +3.5V, P5 only