## STAR-PAN™ Targeting Device Cables and Adapters

### STAR-PAN™ Targeting Device Cables and Battery Adapters

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**Safran Vectronix Vector 21/21B and Moskito Data Cable**

**PLRF 15C/25C Laser Range Finder Cable**

**Safran Vectronix STERNA TNF Data Cable**
TARGETING CABLES AND ADAPTERS

TARGETING CABLES AND ADAPTERS

JTAC-TOUGH™
STAR-PAN™
Targeting device cables and adapters
808-041 Vector 21 / 23B Cable

For Safran Vectronix
Vector 21/21B and Moskito

SPECIFICATIONS

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Santoprene-jacketed cable and ergonomic TPE overmold
- Trigger assembly with integrated RS-232 to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Fischer peripheral device connectors
- Weight, 54" cable: 205g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number: 808-041
Cable Series: Vector 21/23B/Moskito Data Cable

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS:
LIGHT, I, II, IV, AND VI
For Safran Vectronix
Vector 21/21B and Moskito

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Dimensions are subject to change without notice.
TARGETING CABLES AND ADAPTERS

808-049 PLRF 15C / 25C Cable

SPECIFICATIONS

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Sanoprene-jacketed cable and ergonomic TPE overmold
- Integrated RS-232 to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Lemo peripheral device connectors
- Weight, 45” cable: 76g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number: 808-049 -50

Cable Series
PLRF 15C/25C Laser Range Finder Cable

Length Designator
In inches.
Omit for default length of 45.00”

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS: LIGHT, I, II, IV, AND VI

LENGTH TOLERANCE: +0.050” (12.7mm) / -0.00 for “L” ≤ 12.00” (304.8mm)
+1.80” (45.7mm) / -0.00 for “L” between 12.00” (304.8mm) and 60.00” (1524mm)
+3% / -0 for “L” > 60.00” (1524mm)
TARGETING CABLES AND ADAPTERS

SPECIFICATIONS

- For connection of referenced targeting device to End User Device
- Santoprene-jacketed cable and ergonomic TPE overmold, black
- Integrated RS-232 to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Lemo peripheral device connectors
- Weight, 45" cable: 76g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number: 808-238

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>PLRF 15C/25C Laser Range Finder Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID Option</td>
<td>RS-232 to USB Converter Cable</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches.</td>
</tr>
</tbody>
</table>

Length Designator: In inches. Omit for default length of 45.00".

LENGTH TOLERANCE:

- +0.050" (12.7mm) / -0.00 for "L" ≤ 12.00" (304.8mm)
- +1.80" (45.7mm) / -0.00 for "L" between 12.00" (304.8mm) and 60.00" (1524mm)
- +3% / -0 for "L" > 60.00" (1524mm)

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### TARGETING CABLES AND ADAPTERS

#### 808-212 STERNA True North Finder (TNF) Cable

**STAR-PAN™**

**Targeting device cables and adapters**

**808-212 STERNA True North Finder (TNF) Cable**

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**SPECIFICATIONS**

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Polyurethane-jacketed cable and ergonomic TPU overmold
- Integrated RS-232 to USB conversion circuitry
- Supplies power to STERNA TNF
- Mighty Mouse 807 (NATO standard) hub and Fischer peripheral device connectors
- Weight, standard 24" cable: 110g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

**Sample Part Number:** 808-212-18

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>STERNA TNF Data Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches. Omit for default length of 24.00&quot;</td>
</tr>
</tbody>
</table>

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**TARGETING CABLES AND ADAPTERS**

**STERNA True North Finder (TNF) Cable**

**QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS:**

LIGHT, I, II, IV, AND VI

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**OVERALL LENGTH (SEE P/N DEVELOPMENT)**

- MASTER KEY
- FISCHER CONNECTOR: WSG 1051 4012-41 W/ CLAMP 1031.15/6.7
- CABLE JACKETED, POLYURETHANE
- POLYURETHANE (TPU) OVERMOLD
- GLENAIR CONNECTOR 8070-1676-06ZNU6-6PY PIN 2 IS FMLB

**LENGTH TOLERANCE:**

- +0.050" (12.7mm) / -0.00 for "L" ≤ 12.00" (304.8mm)
- +1.80" (45.7mm) / -0.00 for "L" between 12.00" (304.8mm) and 60.00" (1524mm)
- +3% / -0 for "L" > 60.00" (1524mm)
**TARGETING CABLES AND ADAPTERS**

**SPECIFICATIONS**

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Polyurethane-jacketed cable and ergonomic TPE overmold, black
- Integrated RS-422 to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Lemo peripheral device connectors
- Weight, 48" cable: 235g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

**Sample Part Number:**

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>808-241</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sterna/Jim-Lr Rs-422 to USB Converter Cable</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length Designator</th>
<th>In inches, 12&quot; minimum</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Omit for default length of 48.00&quot;</td>
</tr>
</tbody>
</table>

**JIM-LR with STERNA Cable**

- Qualified for use with all STAR-PAN power / data hubs: Light, I, II, IV, and VI
- Length tolerance:
  - +0.050" (1.27mm) / -0.00 for “L” ≤ 12.00" (304.8mm)
  - +1.80" (45.7mm) / -0.00 for “L” between 12.00" (304.8mm) and 60.00" (1524mm)
  - +3% / -0 for “L” > 60.00" (1524mm)

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Dimensions are subject to change without notice.
Targeting device cables and adapters
808-246 JIM-LR Cable

**SPECIFICATIONS**

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Polyurethane-jacketed cable and ergonomic TPU overmold, black
- Integrated RS-422 to USB conversion circuitry
- Supplies power to JIM-LR
- Mighty Mouse 807 (NATO standard) hub, Bernier (power) and Souriau (data) peripheral device connectors
- Weight, 48" cable: 235g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>808-246-52</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>STERNA/JIM-LR RS-422 to USB Converter Cable</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches, 12&quot; minimum Omit for default length of 48.00&quot;</td>
</tr>
</tbody>
</table>

**QUALIFIED FOR USE WITH**

ALL STAR-PAN POWER / DATA HUBS:
LIGHT, I, II, IV, AND VI

**LENGTH TOLERANCE:**

+0.050" (12.7mm) / -0.00 for "L" ≤ 12.00" (304.8mm)
+1.80" (45.7mm) / -0.00 for "L" between 12.00" (304.8mm) and 60.00" (1524mm)
+3% / -0 for "L" > 60.00" (1524mm)
### JTAC-TOUGH™

**STAR-PAN™**

Targeting device cables and adapters

808-219 JIM Compact Cable

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#### SPECIFICATIONS

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Polyurethane-jacketed cable and ergonomic TPE overmold, black
- Integrated Ethernet to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Lemo peripheral device connectors
- Weight, 40" cable: 115g
- Export classification: ECCN 3A611.x

#### HOW TO ORDER

**Sample Part Number:** 808-219-30

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>JIM Compact Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches. Omit for default length of 40.00&quot;</td>
</tr>
</tbody>
</table>

---

**LENGTH TOLERANCE:**

+0.050" (12.7mm) / -0.00 for "L" ≤ 12.00" (304.8mm)
+1.80" (45.7mm) / -0.00 for "L" between 12.00" (304.8mm) and 60.00" (1524mm)
+3% / -0 for "L" > 60.00" (1524mm)

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TARGETING CABLES AND ADAPTERS

Mosquito TI with STERNA Cable

QUALIFIED FOR USE WITH ALL STAR-PAN POWER / DATA HUBS: LIGHT, I, II, IV, AND VI

SPECIFICATIONS

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Polyurethane-jacketed cable and ergonomic TPU overmold, black
- Integrated RS-232 to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Fischer peripheral device connectors
- Weight, 24" cable: (consult factory)
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number: 808-217

Cable Series | Mosquito TI with STerna RS-232-USB Adapter Cable
Length Designator | In inches. Omit for default length of 24.00"

LENGTH TOLERANCE:

+0.050" (12.7mm) / -0.00 for "L" ≤ 12.00" (304.8mm)
+1.80" (45.7mm) / -0.00 for "L" between 12.00" (304.8mm) and 60.00" (1524mm)
+3% / -0 for "L" > 60.00" (1524mm)
**JTAC-TOUGH™**

**STAR-PAN™**

Targeting device cables and adapters

**808-218 Moskito Ti Cable**

---

**SPECIFICATIONS**

- For connection of referenced targeting device to STAR-PAN power / data hubs
- Polyurethane-jacketed cable and ergonomic TPU overmold, black
- Integrated Ethernet to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Fischer peripheral device connectors
- Weight, 24” cable: 150g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

**Sample Part Number:**

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>Length Designator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moskito Ti Cable</td>
<td>In inches.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length Designator</th>
<th>Sample Part Number: 808-218-30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cable Series: Moskito Ti Cable</td>
</tr>
<tr>
<td></td>
<td>Length Designator: In inches.</td>
</tr>
</tbody>
</table>

**OVERALL LENGTH “L”**

LENGTH TOLERANCE: +0.050" (12.7mm) / -0.00 for “L” ≤ 12.00” (304.8mm)
+1.80” (45.7mm) / -0.00 for “L” between 12.00” (304.8mm) and 60.00” (1524mm)
+3% / -0 for “L” > 60.00” (1524mm)
**SPECIFICATIONS**

- For connection of referenced targeting device to STAR-PAN power/data hubs
- Polyurethane-jacketed cable and ergonomic TPU overmold, black
- Integrated RS-232 to USB conversion circuitry
- Mighty Mouse 807 (NATO standard) hub and Fischer peripheral device connectors
- Weight, 24" cable: 59g
- Export classification: ECCN 3A611.x
- RS-232 and power
- PAN port connection

**HOW TO ORDER**

**Sample Part Number:**

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>Moskito Ti Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches. Omit for default length of 24.00&quot;</td>
</tr>
</tbody>
</table>

**LENGTH TOLERANCE:**

<table>
<thead>
<tr>
<th>Overall Length</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.00 inches</td>
<td>+1.00/0.00</td>
</tr>
<tr>
<td>2.00</td>
<td>+1.80/0.00</td>
</tr>
<tr>
<td>1.00</td>
<td>+3%/0.00</td>
</tr>
</tbody>
</table>

**QUALIFIED FOR USE WITH:**

ALL STAR-PAN POWER/DATA HUBS: LIGHT, I, II, IV, AND VI

**CABLE OVERMOLD:**

- Polyurethane
- TPU overmold

**OVERMOLD: POLYURETHANE**

**OVERALL LENGTH "L"**

**PART NUMBER:**

GLENAIR YYWW 745324

**SHRINK MARKER:**

M23053/5 COVERED WITH M23053/18 (CLEAR)

**GLENAIR CONNECTOR:**

8070-1676-06ZNU6-6PY

**FISCHER CONNECTOR:**

WS0 102 A069 -140+

**TPU OVERMOLD**

**OVERMOLD POLYURETHANE**

**LENGTH TOLERANCE:**

- +0.050" (12.7mm) / -0.00 for "L" ≤ 12.00" (304.8mm)
- +1.80" (45.7mm) / -0.00 for "L" between 12.00" (304.8mm) and 60.00" (1524mm)
- +3% / -0 for "L" > 60.00" (1524mm)