### STAR-PAN™ RADIO CABLES AND ADAPTERS

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
<th>Page No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>808-032</td>
<td>AN/PRC-152A Radio Adapter</td>
<td>43</td>
</tr>
<tr>
<td>808-156</td>
<td>AN/PRC-152A Radio Adapter (PAN Port)</td>
<td>44</td>
</tr>
<tr>
<td>808-051</td>
<td>AN/PRC-154 Rifleman Radio Adapter</td>
<td>45</td>
</tr>
<tr>
<td>808-039</td>
<td>AN/PRC-148 JEM Radio Adapter</td>
<td>46</td>
</tr>
<tr>
<td>808-132</td>
<td>Elbit PNR 1000 Radio Adapter</td>
<td>47</td>
</tr>
<tr>
<td>808-044</td>
<td>Raytheon RT-1922 Microlight SADL Radio Cable</td>
<td>48</td>
</tr>
<tr>
<td>808-158</td>
<td>Harris RF-7850S-TR Radio Cable</td>
<td>49</td>
</tr>
<tr>
<td>808-257</td>
<td>Harris RF-7800S Radio Cable</td>
<td>50</td>
</tr>
<tr>
<td>808-148</td>
<td>Harris RF-7800S Radio Cable (Radio Host)</td>
<td>51</td>
</tr>
<tr>
<td>808-166</td>
<td>AN/PRC-161 BATS-D Radio Adapter</td>
<td>52</td>
</tr>
<tr>
<td>808-235</td>
<td>AN/PRC-161 BATS-D Radio Adapter (PAN Port)</td>
<td>53</td>
</tr>
<tr>
<td>808-087</td>
<td>AN/PRC-117F Radio Cable (PAN Port)</td>
<td>54</td>
</tr>
<tr>
<td>808-035</td>
<td>AN/PRC-117G Radio Cable</td>
<td>55</td>
</tr>
<tr>
<td>808-088</td>
<td>AN/PRC-117G Radio Cable (PAN Port)</td>
<td>56</td>
</tr>
<tr>
<td>TS8-402 / TS8-416</td>
<td>AN/PRC-163 Radio Adapter (PAN Port)</td>
<td>57</td>
</tr>
</tbody>
</table>
Radio cables and adapters
808-032 AN/PRC-152A Radio Adapter

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Black zinc-nickel stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24” cable: 116g
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number: 808-032 H -28

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>AN/PRC-152A Radio Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Host ID Pin option</td>
<td>H = with Host ID pin Omit for standard configuration</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches (6.00” min.) Omit for default length of 24.00”</td>
</tr>
</tbody>
</table>

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

LENGTH TOLERANCE: +1.00” (25.4 mm) / -0.00 for “L” from 6.00” (152.4 mm) to 24” (609.6 mm)
+1.80” (45.7 mm) / -0.00 for “L” from 24” (609.6 mm) to 60” (1524 mm)
+3% / -0 for “L” > 60.00” (1524 mm)
Radio cables and adapters
808-156 AN/PRC 152A Radio Adapter (PAN Port)

**SPECIFICATIONS**

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan.
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connector.
- Weight, 20” cable: (consult factory)
- Export classification: ECCN 3A611.x
- PAN port connection

**HOW TO ORDER**

**Sample Part Number:**

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>AN/PRC 152-A Radio Data Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches, 6.00” minimum Omit for default length of 20.00”</td>
</tr>
</tbody>
</table>

**LENGTH TOLERANCE:**

- +1.00” (25.4 mm) / -0.00 for “L” from 6.00” (152.4mm) to 24” (609.6mm)
- +1.80” (45.7mm) / -0.00 for “L” from 24” (609.6mm) to 60” (1524mm)
- +3% / -0 for “L” > 60.00” (1524mm)
AN/PRC-154 Rifleman Radio Adapter

SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight (consult factory)
- Export classification: ECCN 3A611.x

HOW TO ORDER

Sample Part Number: 808-051
Cable Series: AN/PRC-154 Radio Data Adapter
### 808-039 AN/PRC-148 JEM Radio Adapter

**Specifications:**
- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Black zinc-nickel stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24" cable: 122g
- Export classification: ECCN 3A611.x

**How to Order**

<table>
<thead>
<tr>
<th>Sample Part Number</th>
<th>808-039-24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>AN/PRC-148 Radio Adapter Cable</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches (6.00&quot; min.) Omit for default length of 20.00&quot;</td>
</tr>
</tbody>
</table>

**Length Tolerance:**
- +1.00" (25.4 mm) / -0.00 for “L” from 6.00" (152.4 mm) to 24" (609.6 mm)
- +1.80" (45.7 mm) / -0.00 for “L” from 24" (609.6 mm) to 60" (1524 mm)
- +3% / -0 for “L” > 60.00" (1524 mm)
**Radio cables and adapters**

**808-132 Elbit PNR 1000 Radio Adapter**

**SPECIFICATIONS**

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Glenair environmental heat-shrink boot seals radio connector to cable
- Mighty Mouse 807 (NATO standard) connector.
- Weight, 21" cable: 80g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>808-132</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>PNR 1000 Radio Adapter Cable</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches (Omit for default length of 21.00&quot;)</td>
</tr>
</tbody>
</table>

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

- PIN 1
- PIN 8
- PIN 15
- PIN 22

**LENGTH TOLERANCE:**

- +.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)
**Raytheon RT-1922 Microlight Situational Awareness Data Link (SADL) Radio Cable**

**SPECIFICATIONS**
- For interconnection of referenced hand-held radio type to STAR-PAN power/data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 24” cable: 60g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>808-044</th>
<th>-U</th>
<th>-28</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>RT-1922 Microlight SADL Radio Cable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>U-Bend Option</td>
<td>U = with “U” bend - Omit for straight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches - Omit for default length of 24.00”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**LENGTH TOLERANCE:**
- +1.00” (25.4 mm) / -0.00 for “L” from 6.00” (152.4mm) to 24” (609.6mm)
- +1.80” (45.7mm) / -0.00 for “L” from 24” (609.6mm) to 60” (1524mm)
- +3% / -0 for “L” > 60.00” (1524mm)
**Radio cables and adapters**

808-158 Harris RF-7850S-TR Radio Cable

**SPECIFICATIONS**

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) connector and ITT Cannon connector and backshell
- Weight, 18" cable: 75g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

Sample Part Number: 808-158-XX

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>RF7580S-TR Radio Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches</td>
</tr>
<tr>
<td>Omit for default length of 18.00&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**OVERALL LENGTH “L”**

- ITT CANNON CONNECTOR: 078378-6200
- ITT CANNON BACKSHELL: 448-7873-004

**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)
**RADIO CABLES AND ADAPTERS**

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# RADIO CABLES AND ADAPTERS

## 808-257 Harris RF-7800S Radio Cable

**SPECIFICATIONS**

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and Fischer connector.
- Weight, 32” cable: (consult factory)
- Export classification: ECCN 3A611.x

### HOW TO ORDER

- **Sample Part Number:** 808-257-36

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>RF7800S Radio Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches Omit for default length of 32.00&quot;</td>
</tr>
</tbody>
</table>

---

**LENTH TOLERANCE:**

<table>
<thead>
<tr>
<th>Length Range</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.00” ≤ L ≤ 304.8mm</td>
<td>+0.050” (12.7mm) / -0.00</td>
</tr>
<tr>
<td>12.00” ≤ L &gt; 60.00” (1524mm)</td>
<td>+1.80” (45.7mm) / -0.00</td>
</tr>
<tr>
<td>L &gt; 60.00” (1524mm)</td>
<td>+3% / -0</td>
</tr>
</tbody>
</table>

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Dimensions are subject to change without notice.
**RADIO CABLES AND ADAPTERS**

**808-148 Harris RF-7800S Radio Cable (Radio Host)**

**SPECIFICATIONS**

- For interconnection of referenced hand-held radio type to End User Device
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and Fischer connector.
- Weight, 32" cable: 74g
- Export classification: ECCN 3A611.x
- Radio acts as USB host

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>808-148-36</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>RF7800S Radio Adapter Cable</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches</td>
</tr>
<tr>
<td></td>
<td>Omit for default length of 32.00&quot;</td>
</tr>
</tbody>
</table>

**LENGTH TOLERANCE:**

- +.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% / -0.00 for "L" > 60.00" (1524mm)
**JTAC-TOUGH™**

**STAR-PAN™**

Radio cables and adapters

808-166 AN/PRC-161 BATS-D Radio Adapter

### SPECIFICATIONS

- For interconnection of referenced hand-held radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan.
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors.
- Weight, 20" cable: 122g
- Export classification: ECCN 3A611.x

### HOW TO ORDER

**Sample Part Number:**

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>808-166</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches, 6.00&quot; minimum</td>
</tr>
<tr>
<td></td>
<td>Omit for default length of 20.00&quot;</td>
</tr>
</tbody>
</table>

**OVERALL LENGTH "L"**

- 20.00" to 609.6mm
- Export classification: ECCN 3A611.x

**LENGTH TOLERANCE:**

- +1.00" (25.4 mm) / -0.00 for "L" from 6.00" (152.4mm) to 24" (609.6mm)
- +1.80" (45.7mm) / -0.00 for "L" from 24" (609.6mm) to 60" (1524mm)
- +3% / -0 for "L" > 60.00" (1524mm)
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**STAR-PAN™**

Radio cables and adapters
808-235 AN/PRC-161 BATS-D Radio Adapter (PAN Port)

**SPECIFICATIONS**

- For interconnection of referenced hand-held radio type to STAR-PAN power/data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan.
- Aluminum housing, black zinc-nickel finish
- Black stainless steel thumbscrew
- Mighty Mouse 807 (NATO standard) connectors.
- Weight, 20" cable: 115g
- Export classification: ECCN 3A611.x
- PAN port connection

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>808-235 -24</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>BATS-D AN/PRC 161 Radio Data Adapter Cable</td>
</tr>
<tr>
<td>Length Designator</td>
<td>In inches, 6.00&quot; minimum Omit for default length of 20.00&quot;</td>
</tr>
</tbody>
</table>

**LENGTH TOLERANCE:**

<table>
<thead>
<tr>
<th>Condition</th>
<th>Tolerance</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>Over 60&quot;</td>
<td>+3%</td>
<td></td>
</tr>
<tr>
<td>24&quot; to 60&quot;</td>
<td>+1.80&quot; (45.7mm) / -0.00 for “L” from 24&quot; (609.6mm) to 60&quot; (1524mm) +3% / -0 for “L” &gt; 60.00&quot; (1524mm)</td>
<td></td>
</tr>
<tr>
<td>6.00&quot; to 24&quot;</td>
<td>+1.00&quot; (25.4 mm) / -0.00 for “L” from 6.00&quot; (152.4mm) to 24&quot; (609.6mm)</td>
<td></td>
</tr>
<tr>
<td>Default 20&quot;</td>
<td>+1.00&quot; (25.4 mm) / -0.00 for “L” from 24&quot; (609.6mm) to 60&quot; (1524mm) +3% / -0 for “L” &gt; 60.00&quot; (1524mm)</td>
<td></td>
</tr>
</tbody>
</table>
Radio cables and adapters
808-087 AN/PRC-117F Radio Cable (PAN Port)

SPECIFICATIONS
- For interconnection of referenced radio types to STAR-PAN power / data hubs
- Synchronous Serial Interface (SSI) Data Downlink Adapter Cable
- Santoprene jacketed cable, black
- Ergonomic overmolding
- Mighty Mouse 807 (NATO standard) connectors
- Weight, 36" cable: (consult factory)
- Export classification: ECCN 3A611.x
- PAN port connection

HOW TO ORDER
Sample Part Number: 808-087 R -32
Cable Series AN/PRC / RF Radio Data Adapter Cable
Data Connector Angle R = Right angle data connector
Omit = standard straight data connector
Length Designator In inches
Omit for default length of 36.00*

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)
**Radio cables and adapters**

**808-035 AN/PRC-117G Radio Cable**

**SPECIFICATIONS**

- For interconnection of referenced man-pack radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and Fischer SS102 connector
- Weight, 32” cable: 90g
- Export classification: ECCN 3A611.x

**HOW TO ORDER**

**Sample Part Number:** 808-035

<table>
<thead>
<tr>
<th>Cable Series</th>
<th>AN/PRC-117G Radio Adapter Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length Designator</td>
<td>In inches (6.00” min.)</td>
</tr>
<tr>
<td></td>
<td>Omit for default length of 32.00”</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)

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STAR-PAN™
Radio cables and adapters
808-088 AN/PRC-117G Radio Cable (PAN Port)

SPECIFICATIONS

- For interconnection of referenced man-pack radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab. Consult factory for other cable finish options
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connector and Fischer connector.
- Weight, 32" cable: 90g
- Export classification: ECCN 3A611.x
- PAN Port connection

HOW TO ORDER

Sample Part Number: 808-088
Cable Series: AN/PRC-117G / RF7800 Radio Adapter Cable
Length Designator: In inches
- Omit for default length of 32.00"

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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Radio cables and adapters

**TS8-402 · TS8-416 AN/PRC-163 Radio Adapter (PAN Port)**

**SPECIFICATIONS**

- For interconnection of referenced man-pack radio type to STAR-PAN power / data hubs
- Nomex® braided wire protection, olive drab.
- Overmolded, ergonomic connector strain reliefs, desert tan
- Mighty Mouse 807 (NATO standard) connectors
- Weight: 80g
- Export classification: ECCN 3A611.x
- PAN Port connection

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Sample Part Number:</th>
<th>TS8 -402</th>
<th>AN/PRC-163 Radio Adapter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Series</td>
<td>AN/PRC-163 Radio Adapter</td>
<td></td>
</tr>
<tr>
<td>I/O Designator</td>
<td>-402 = Red I/O, -416 = Black I/O</td>
<td></td>
</tr>
</tbody>
</table>

**Dimensions**

- P1: SIDE CONNECTOR PRC-163 INTERFACE
- P2: PAN RCPT CONN
- P3: PWR PLUG CONN

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