FITS™
FIELD INSTALL TERMINATION SYSTEM

Introducing FITS™ - Field Install Termination System. The FIT system is a robust line of LLSB™ cables, connectors and tools that can be easily and reliably terminated in the field.

Our high-performance LLSB™ cables are the proven industry standard solution for shipboard applications. These cables are fully qualified to the latest MIL-DTL-17 requirements, and maintain a full Qualified Products Listing (QPL), under the M17/220 through M17/229 slant sheets.

Cables include LLSB™-240, 400 and 600 that pair perfectly with our new FIT connectors. The DLA part number assigned connectors are easily terminated in the field using our CST tools resulting in reliable and consistent terminations.

The new FIT connectors offer:
• Excellent corrosion resistant bi-metal plating
• No field soldering required
• Repeatable quick connector installations
• Various interfaces
• Salt/spray resistant

Electrical Properties
• Nominal 50 Ohm impedance
• Excellent insertion loss and VSWR properties
• Insulation resistance per MIL-STD-202
• Designed to IAW MIL-PRF-39012 requirements

Mechanical Specs:
• -40°C to +125°C / -40°F to +257°F temperature rating
• Salt spray exceeds MIL-STD-810 requirements
• Durability in accordance with MIL-PRF-39012
• Cable retention IAW MIL-PRF-39012
• Vibration/shock per MIL-STD-202
## MIL-DTL-17 (LLSB™) FITS™ CONNECTORS

<table>
<thead>
<tr>
<th>LLSB-240 (M17/221)</th>
<th>LLSB-400 (M17/223)</th>
<th>LLSB-600 (M17/225)</th>
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</thead>
<tbody>
<tr>
<td><img src="image1" alt="N Male-Plug for M17/221" /> P/N 3190-8130</td>
<td><img src="image2" alt="N Male-Plug for M17/223" /> P/N 3190-8131</td>
<td><img src="image3" alt="N Male-Plug for M17/225" /> P/N 3190-8132</td>
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<tr>
<td><img src="image4" alt="N Male-Plug RA for M17/221" /> P/N 3190-8135</td>
<td><img src="image5" alt="N Male-Plug RA for M17/223" /> P/N 3190-8136</td>
<td><img src="image6" alt="N Male-Plug RA for M17/225" /> P/N 3190-8137</td>
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<tr>
<td><img src="image7" alt="TNC Male Plug for M17/221" /> P/N 3190-8150</td>
<td><img src="image8" alt="TNC Male Plug for M17/223" /> P/N 3190-8151</td>
<td><img src="image9" alt="TNC Male Plug for M17/225" /> P/N 3190-8152</td>
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<td><img src="image11" alt="BNC Male Plug for M17/223" /> P/N 3190-8146</td>
<td><img src="image12" alt="BNC Male Plug for M17/225" /> P/N 3190-8147</td>
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</tbody>
</table>

**LLSB-240**: LLSB-240 (M17/221), N Male-Plug for M17/221, P/N 3190-8130

**LLSB-400**: LLSB-400 (M17/223), N Male-Plug for M17/223, P/N 3190-8131

**LLSB-600**: LLSB-600 (M17/225), N Male-Plug for M17/225, P/N 3190-8132

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**TIMES Microwave Systems**
An Amphenol Company