

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



FEATURES

- Interfaces for MIL-DTL-17/220 -- /229 low smoke cables
- Ruggedized performance
- Field installable
- Excellent and consistent RF performance
- DLA part numbers assigned - complete QPL assemblies

Electrical Properties

- Nominal 50 Ohm impedance
- Excellent insertion loss and VSWR properties
- Insulation resistance per MIL-STD-202-302
- 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

**LLSB-240
(M17/221)**



N Male-Plug for M17/221
P/N 3190-8130



N Male-Plug RA for M17/221
P/N 3190-8135



TNC Male Plug for M17/221
P/N 3190-8150



BNC Male Plug for M17/221
P/N 3190-8145

**LLSB-400
(M17/223)**



N Male-Plug for M17/223
P/N 3190-8131



N Male-Plug RA for M17/223
P/N 3190-8136



TNC Male Plug for M17/223
P/N 3190-8151



BNC Male Plug for M17/ 223
P/N 3190-8146

**LLSB-600
(M17/225)**



N Male-Plug for M17/225
P/N 3190-8132



N Male-Plug RA for M17/225
P/N 3190-8137



TNC Male Plug for M17/225
P/N 3190-8152



BNC Male Plug For M17/225
P/N 3190-8147

WORLD HEADQUARTERS

358 Hall Avenue, Wallingford, CT 06492
1-800-867-2629

TT
TIMES
MICROWAVE SYSTEMS
AN AMPHENOL COMPANY