



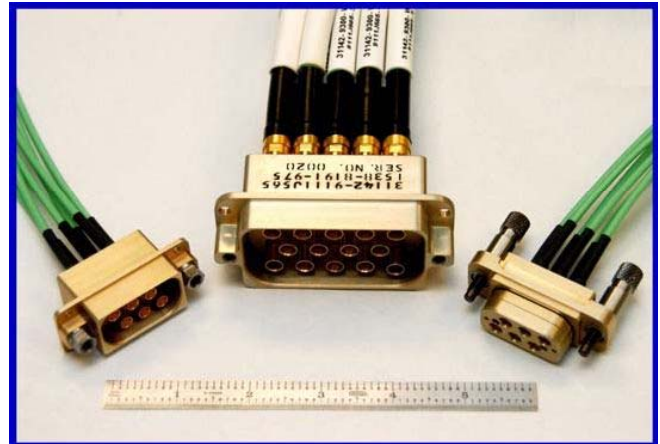
# Mini-SL® High Performance Miniature Multiport

Mini-SL®  
Rev A

## Features

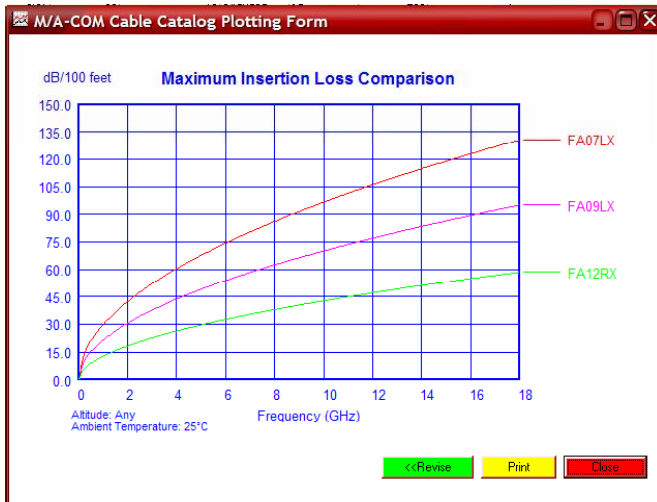
- Proven SL performance in 35% smaller footprint.
- Electrical performance (Insertion Loss and VSWR) identical to cable assemblies with individual connectors.
- Designed for UAVs, Military Aircraft and Commercial Aircraft.
- MIL-T-81490 and MIL-C-87104 Temperature, Altitude, Vibration, Shock and Humidity.
- Standard Configurations - Four to Twenty Ports.
- Keying Available to Prevent Mismatching
- Customized Configurations at Standard Price and Delivery.
- Angled Contacts Available (90° and 45°).
- Two or Three Rows of Contacts.
- Contacts available for Semi-Rigid Cable.
- Contacts available for lightweight ("Z") cables.

## Mini-SL® Heritage is the proven SL size 8



Shown above: A mini-SL 6-port pair beside a 14-port standard SL harness. The mini-SL assembly utilizes FA12RX assemblies; the standard SL, FA29RX assemblies.

## Insertion Loss Characteristics of several suggested cables



Can also be supplied with small OD Nomex jacketed cables such as FN11WX or FN15RX.

## Details

- Contacts are similar in size to M39029 Size 12 contacts.
- Contacts snap in from rear with no tools
- Can be used with cables having core diameters up to 0.12"
- Individual housing accepts cable assemblies made with different sized cables.
- Sealed when mated.
- Rack & panel or thumbscrew mating
  - ◇ Multiple connections using only two thumbscrews
- Full line of accessories.
  - ◇ Sealing plugs for spare ports
  - ◇ Terminations (matched, open and short)
  - ◇ Test adaptors
  - ◇ Contact removal tool
  - ◇ Test Leads

**Contact factory for Mini-SL® family summary with part numbers and ordering information.**