

Amphenol Industrial Amphe-Lite Series

Amphenol's Ultimate Commercial Subminiature Connector

The Amphe-Lite Connector Series is designed for communications equipment manufacturers with signal, power, RF or fiber optic interconnect requirements in harsh environments such as communication towers, outdoor and roof-top applications. This commercial 38999, Series III type composite connector series is ideal for communications equipment, manufacturing process control and medical equipment. The Amphe-Lite offers the highest performance capabilities for severe environment applications, and yet is cost effective enough for general duty and non-environmental applications. Amphe-Lite also has a non-magnetic variation. The non-magnetic Amphe-Lite is another option of the highly reliable industrial multi-pin interconnect that is ideal for an array of applications. It is one of the few 100% non-magnetic connectors available today.



Applications

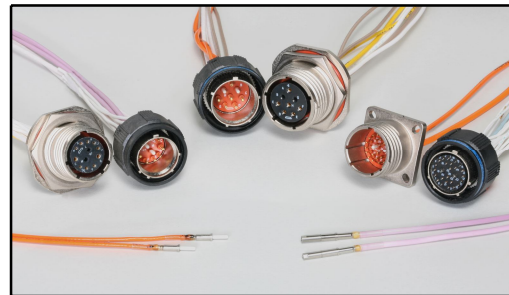
- Heavy Equipment
- Medical
- GPS Equipment
- Communication
- Security
- Tire Inflation Systems

Key Features

- Tri-Start Thread
- Nickel Plating
- Unplated Non-Conductive Shell
- Acme Threads
- Recessed Pins
- Integral Interfacial Seal and Grommet bonded to insert
- Robust Composite Construction
- Copper, Coax and FO Contacts Available
- UL Recognized Connector
- Excellent EMI Shielding (F Class)
- 100% Scoop Proof
- RoHS Compliant

Key Benefits

- Quick Coupling
- Effective EMI Shielding
- Low Cost Options
- Coupling Durability
- Minimize Potential Contact Damage
- Improved Sealing



Electrical Features

3 Shell Styles Available

500 Mating Cycles

Contact Size 22D to 10

IP 67

Exceeds 2000 hours salt spray

-55°C to 125°C Temperature Rating

Test Current Range 3 Amps to 33 Amps

For more information please visit our website at www.amphenol-industrial.com
Or call Technical Support Phone: 866-315-8559

Amphenol Amphe-Lite Connectors

How to order, connector intermateability

Part Number System

AL 00 F 9 - 35 P B ()

Connector Type
AL designates Amphe-Lite Connector Series

Shell Style
00 designates wall mount receptacle
06 designates straight plug
07 designates jam nut receptacle

Service Class
F electroless nickel plated composite
U black composite, unplated
X black zinc alloy, conductive, composite

Shell Size
9 thru 25 available

Specials
Specials include optional contact styles and contact platings. Also includes a high decoupling style of Amphe-Lite. Consult Amphenol, Sidney, NY for part numbering suffix for specials.

Alternate Positions
Locksmith keying - rotation of minor keys. "N" not required for normal position

Contact Type
P designates standard 500 cycle pin contacts
S designates standard 500 cycle socket contacts
C designates pin PC tail contacts loaded in connector
D designates socket PC tail contacts loaded in connector.

Insert Arrangement
See insert arrangement chart, page 3. See insert configurations illustrated on pages 5-8. (Pages from Amphe-Lite Catalog)



Wall Mount



Straight Plug



Jam Nut