



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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

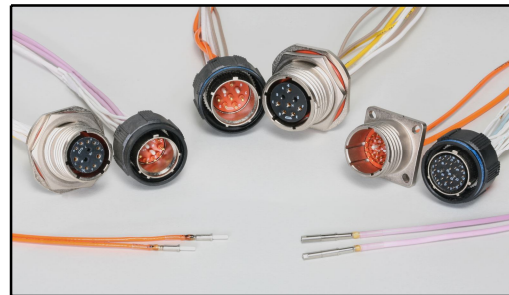
- Heavy Equipment
- Medical
- GPS Equipment
- Communication
- Security
- Tire Inflation Systems

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 designated 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