



## Series 3800 Vehicle Intercom System

Cable Assemblies: C3800 Series  
(Power, Jumper, Radio  
and Wireless Gateway Interface)

### DESCRIPTION

The Series 3800 Vehicle Intercom System is engineered to solve the problem of communicating in high-noise environments with a mobile vehicle platform. Fire apparatus, rescue vehicles, ambulances, command and control vehicles, airline deicers and paint strippers are but a few applications that currently benefit from the Series 3800 system.

### SYSTEM JUMPER CORDS



C38-xx Series Jumper Cords are designed to connect all modules within a Series 3800 intercom system to the U3800 Master Station, thereby establishing a communication network. Also used to interface a U9922-G38 Wireless Gateway to the 3800 system, increasing system versatility by providing a link for up to 4 wireless users.

They are constructed with heavy-duty, 4-conductor, shielded cable and 4-pin MS-type connectors on each end. Available in 12, 25, 35, 50, 75 and 100 foot lengths (number after dash indicates length in feet.)

### RADIO INTERFACE CORDS



C3821

C3821-05

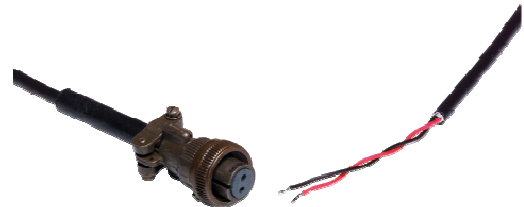
C38-21RD1

All Radio Interface Cords are made with a 21 foot length of 6-conductor, individually shielded, 26 AWG, shielded cord with .220" outer diameter, and provide talk, listen, PTT and ground connections for Series 3800 system users. The **C3821** is a universal cord with prepped leads for connection to almost any mobile radio. The **C3821-05** is wired to provide plug-and-play connection between a Series 3800 Radio Interface Module and a U3805. The **C38-21RD1** is a turnkey radio cable specifically designed to interface the Series 3800 system to Motorola XTL or APX radios.

### FEATURES





- Cables provide interconnection for system modules and ancillary elements such as power sources and radios.
- Heavy-duty construction utilizing appropriate gauge, shielded cable with UV and oil resistant outer jackets

### POWER CABLE



The C3820 Power Cord connects the U3800 Master Station to an 8-32VDC power source. It is a 20 foot, 20 AWG shielded cable (.250" O.D.) with a 2-socket MS connector on one end (U3800 connection) and prepped leads for +/- connections. Also included is a 2A, 250VAC fuse kit with waterproof in-line fuse-holder.

### RELATED EQUIPMENT

<b>18253G-17</b> 	MS Connector, 6-socket, in-line (used to connect C3821 or 6-conductor cord to U3805 radio input connections)
<b>C3023</b> 	Belt Station, 15' ext. coil cord (provides remote intercom and radio PTT for headset user when connected to certain 3800 modules)
<b>40666G-01</b> 	Headset Adapter (used to adapt 4000 or 6000 series portable radio headsets to Series 3800 systems, for dual-use compatibility)
<b>40107G-01</b> 	Radio Interface Adapter (used to connect Series 3800 systems to older Motorola M400 Radius, Astro Spectra, Syntor X9000, Maratrac (A7 heads) and XTL-series radios (with W4, 5, 7 or 9 heads)
<b>C3402</b>	System Jumper Cord, 2 foot length
<b>C3408</b>	System Jumper Cord, 8 foot length

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