Amphenol Pcd

Connecting Those Who Protect Us

Cable Accessories for Soldier Communications

AN/PRC-117F Manpack Radio

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AN/PRC-117F Manpack Radio

Data and Remote Control "Y" Cable, J3

- Connects manpack radios to a computer for asynchronous (RS-232) and synchronous (DTE) data applications
- Can be used with RF-6550M Radio Programming Application (RPA) or RF-6650M Communications Planning Application (CPA)
- 25-Pin and 9-Pin D connectors for attaching data devices
- Uses Y cable that connects to front panel data connector, J3
- Harris p/n: 10513-0730-A1 (6 ft); 10513-0730-A2 (10 ft)
- Amphenol Pcd p/n: MCA10513-0730-06 (6 ft); MCA10513-0730-10 (10 ft)

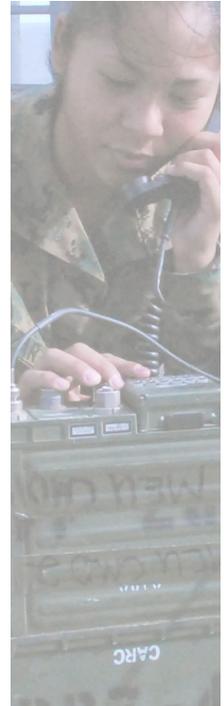### High Performance Wave Form (HPW) Cable J3

- Cable is an asynchronous, PPP cable for use with the HPW and IP functions on the AN/PRC-117F(C)
- Connects to the front panel J3 Data and a COM port on a computer using a 9-pin D style connector
- Typical length is 6 ft
- Harris p/n: 10513-0710– AXXX

    A006 6 ft (~1.8 m)

    A015 15 ft (~4.6m)

    A025 25 ft (~7.6 m)

- Amphenol Pcd: MCA10513-0710– AXXX

    MCAA006 6 ft (~1.8 m)

    MCAA015 15 ft (~4.6m)

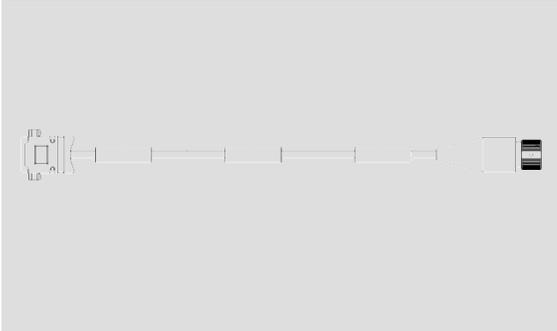### Synchronous/Asynchronous Data Cable - J3

- This cable provides a synchronous or asynchronous data interface to the radio
- The data terminal connection end utilizes a 25-pin (DB-25) connector
- Typical Length is 6 ft (~1.8 m)
- Harris p/n: 10535-0780-A006
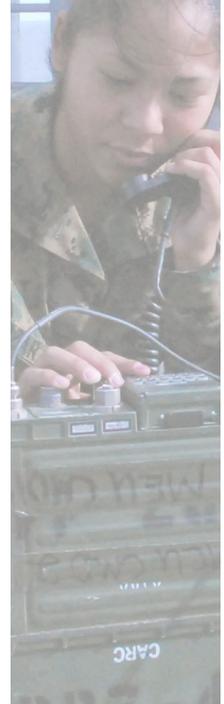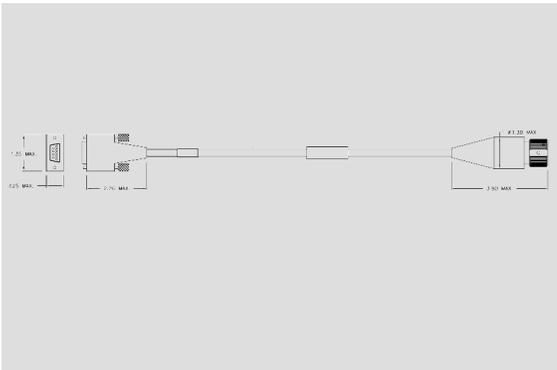- Amphenol p/n: MCA10535-0780-A006

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Remote Control & Programming Cable, J3

- Cable provides both remote control and programming interface to the radio via the front panel Accessory connector, J3
- Can be used with the RF-6550F Radio Programming Application
- Typical Length is 6 ft (~1.8 m)
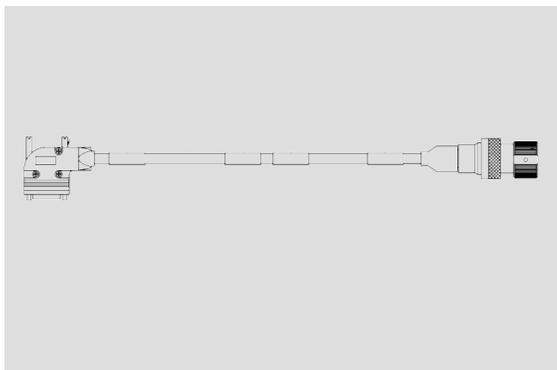- Harris p/n: 10513-0740-A006
- Amphenol Pcd p/n: MCA10513-0740-A006

Remote Control & Programming Cable, J6

- Cable provides both remote control and programming interface to the radio via the front panel Data connector, J6
- Can be used with the RF-6550F Radio Programming Application
- Typical Length is 6 ft (~1.8 m)
- Harris p/n: 10513-0750-A006
- Amphenol Pcd p/n: MCA10513-0750-A006

Remote Control & Programming Cable, J9

- Cable provides both remote control and programming interface to the radio via the rear panel connector, J9.
- Can be used with the RF-6550F Radio Programming Application
- Typical Length is 6 ft (~1.8 m)
- Harris p/n: 10513-0760-A006
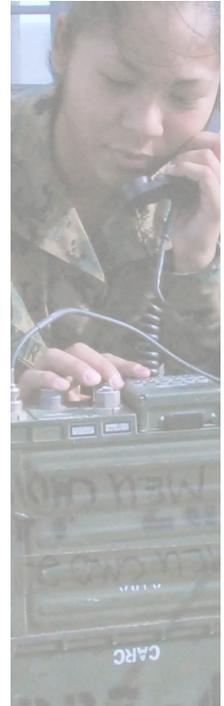- Amphenol Pcd p/n: MCA10513-0760-A006

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AN/PRC-117F Manpack Radio

Audio/Data Cable

- A generic Audio/Data Cable
- Terminated on one end with a data connector (J3 orange dot)
- Unterminated on opposite end
- Cable used for test and build-your-own applications
- Typical Length is 6 ft (~1.8 m)
- Harris p/n: 10511-0707-A006
- Amphenol p/n: MCA10511-0707-A006

NMEA Interface Cable

- Interface cable to connect a NMEA compatible GPS
- receiver to the radio via the front panel J2 connector.
- GPS end is a 9-pin D style male connector.
- Length is 9 ft
- Harris p/n: 12005-0740-A009
- Amphenol p/n: MCA12005-0740-A009

PLGR/DAGR Interface Cable

- Interface cable to connect a PLGR to the radio via the front panel J2 Connector
- Typical Length is 6 ft (~1.8 m)
- Harris p/n: 12005-0730-A006
- Amphenol p/n: MCA12005-0730-A006