

Figure 1

1. INTRODUCTION

This instruction sheet provides proper handling and installation and removal guidelines for AMP NETCONNECT MRJ21 cable assemblies.

To obtain information on AMP NETCONNECT products, contact CommScope Inc. or visit our website at www.commscope.com

2. PROPER HANDLING

It is important to exercise the following proper handling procedures when transporting and installing cable.

— ALWAYS pull cable off of a reel from the connector end marked "UNWIND FROM THIS END". DO NOT pull the cable from the wrong end; otherwise, the cable will tangle.

— Take care to not drop or crush the connectors. DO NOT hit the connector ends against any hard surface. Dropping or hitting the connector against a hard surface may result in bending or breaking of the front mating shield.

— Observe and implement proper minimum cable bend radius and pulling tension per TIA-568.

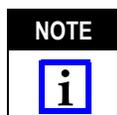
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— DO NOT attempt to connect a connector with a damaged front mating shield. DO NOT attempt to repair a damaged front mating shield.

3. INSTALLATION AND REMOVAL GUIDELINES

3.1. Installation

1. Align the polarizing key of the plug with the polarizing key (marked on the back of the patch panel or cassette assembly) of the receptacle. Refer to Figure 1.



NOTE A label marked "KEY", attached to the plug, indicates the location and orientation of the polarizing key.



CAUTION Failure to observe location of the polarizing keys may result in improper wiring connection and initial electrical and communications start-up testing. DO NOT attempt to overcome the polarizing keys by force.

2. Insert the plug into the receptacle until it bottoms.



CAUTION Ensure that the plug is fully seated into the receptacle before tightening the jack screws. Failure to bottom the plug may result in stripping or cross threading of the jack screws.

3. Using a long, thin, small cross-recessed tipped screwdriver, turn each jack screw **CLOCKWISE**. Tighten each screw to a maximum torque of 0.23 N-m [2 lbf-in]. DO NOT use an automatic screwdriver.



CAUTION To avoid cross-threading or stripping of the jack screws or damage to the receptacle, DO NOT over-tighten the jack screws.

3.2. Removal

Using a small cross-recessed tipped screwdriver, turn each jack screw of the plug **COUNTERCLOCKWISE** until it is loose, then gently but firmly pull the plug away from the receptacle until it is released.



CAUTION To avoid damage to the receptacle, ensure that the jack screws are fully loosened before pulling the plug, and DO NOT attempt to remove the plug by force.

4. REPLACEMENT AND REPAIR

MRJ21 cable assemblies are not repairable. DO NOT use any defective or damaged components.

5. REVISION SUMMARY

Initial release of instruction sheet
Rebranded to CommScope®