

**DSX-1 BRIDGING REGENERATOR CORD
ROLLOVER PROCEDURE
800-Series DSX to 800-Series DSX**

General

This instruction sheet describes how to use the Bridging Regenerator Cord in rolling an active DSX-1 cross-connect circuit. The cords described in this instruction sheet are designed for use with with 800-Series DSX panels for both input and output.

How to Contact Us

- To find out more about **Carrier Apparatus** products, visit us on the web at: <http://cw.commscope.com/>
- For technical assistance regarding Carrier Apparatus products: contact your local CommScope account representative or CommScope technical support at 1-800-344-0223.
- Report any missing or damaged parts to CommScope customer service in Omaha, Nebraska, at 1-866-539-2795.

References

- 365-301-120, 800-Series and 900-Series DSX-1/1C Systems System Reference Manual
- 365-301-125, **BANTAM Plus™** DSX-1/1C System Reference Guide

Ordering Information

Apparatus Code	Material ID	Description
DS1RGNA1800/4/800/30	106 976 681	30-foot (9.1 m) regenerator cord with 800-type input and 800-type output
DS1RGNA1800/4/800/60	107 050 361	60-foot (18.2 m) regenerator cord with 800-type input and 800-type output

STEP 1

Insert Bridging Regenerator Cord input plug into equipment A MON jack (Figure 1). Check Power, Signal, and Bipolar Violation (BPV) Light Emitting Diodes (LEDs). Ensure that green LEDs are lighted and yellow LED is off. Do not proceed unless both green LEDs are lighted.

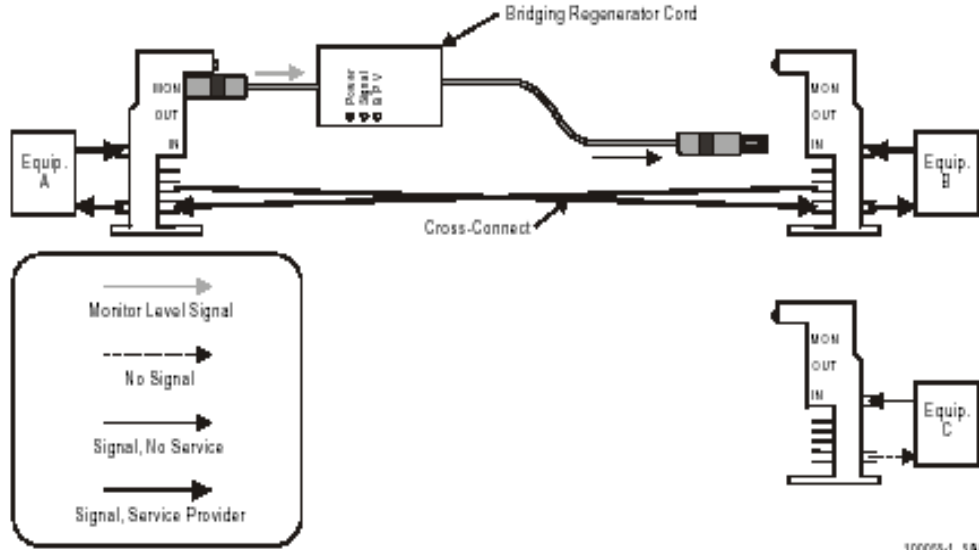


Figure 1.

STEP 2

Insert Bridging Regenerator Cord output plug into equipment B IN jack (Figure 2). This specialized output plug completes the circuit between equipment A MON jack and equipment B IN jack. It also terminates one side of the cross-connect (equipment A OUT to equipment B IN) into a matching impedance of 100 ohms.

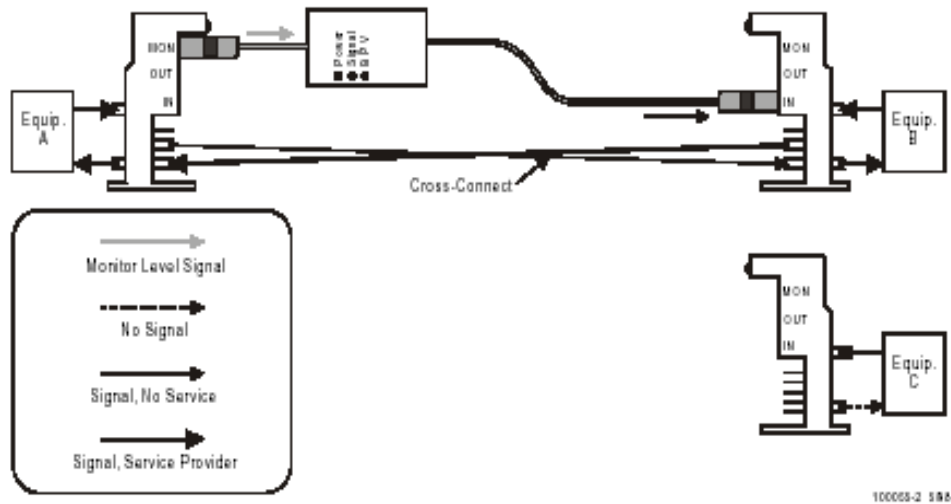


Figure 2.

STEP 3

Insert a 100-ohm terminating plug (Material ID 104 198 411) into equipment A OUT jack (Figure 3). This provides a matching impedance of 100 ohms to equipment A and disconnects the equipment A OUT to equipment B IN cross-connect.

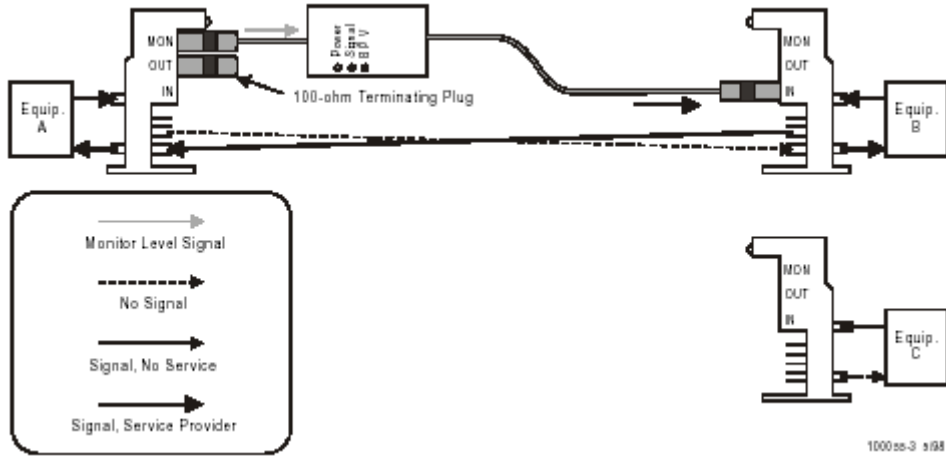


Figure 3.

STEP 5

Remove existing cross-connect between equipment A and equipment B. Reconnect between equipment A to equipment C (Figure 5).

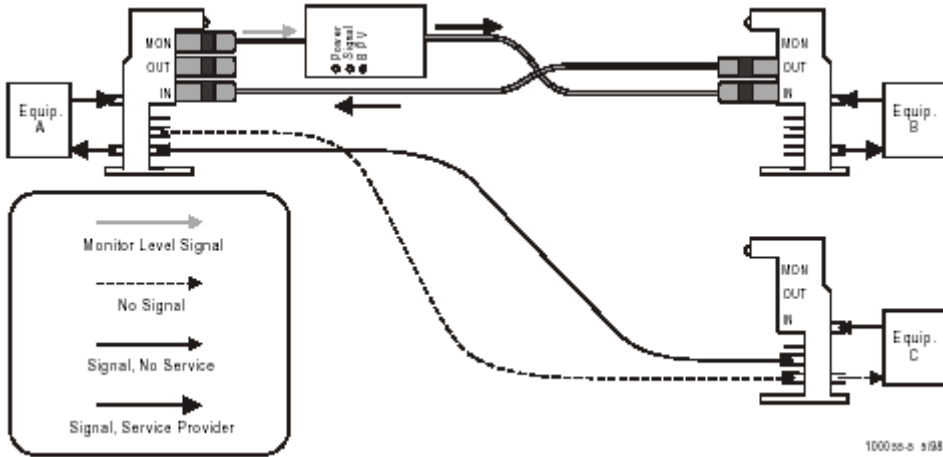


Figure 5.

STEP 7

Remove the 800 to 800 cord from equipment A IN jack. Equipment A is now working with equipment C through the cross-connect (Figure 7)

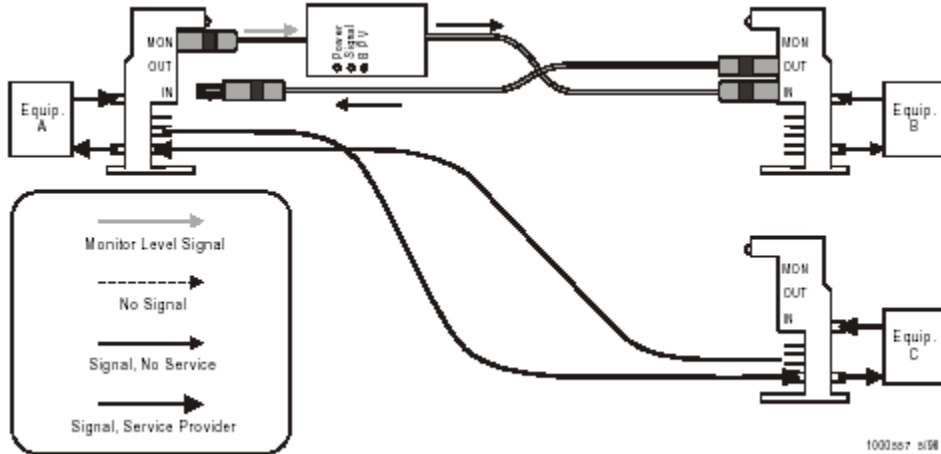


Figure 7.

STEP 8

Remove remaining plugs and cords (in any order) to complete the rollover (Figure 8).

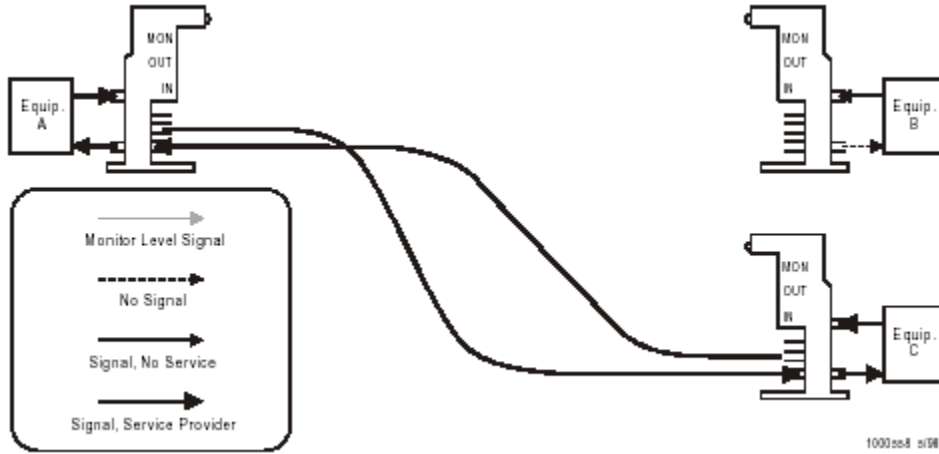


Figure 8.