

AMP-MBL/U50Sxxx DUAL CABLE ASSEMBLY

1 INTRODUCTION

This manual provides installation information for the Pulsecom® AMP-MBL/U50Sxxx Dual Cable Assembly which can be used with Pulsecom plug-in units, such as the O3-4D1B, O3-12D1i, or O3-12D1D multiplexer. The cable provides a 50-pin male bail-lock DS1 connector at one end and is unterminated (stub) at the other end. This assembly is available in the following models—lengths:

- AMP-MBL/U50S3 — 3 feet
- AMP-MBL/U50S125 — 125 feet
- AMP-MBL/U50S6 — 6 feet
- AMP-MBL/U50S150 — 150 feet
- AMP-MBL/U50S10 — 10 feet
- AMP-MBL/U50S175 — 175 feet
- AMP-MBL/U50S15 — 15 feet
- AMP-MBL/U50S200 — 200 feet
- AMP-MBL/U50S20 — 20 feet
- AMP-MBL/U50S225 — 225 feet
- AMP-MBL/U50S25 — 25 feet
- AMP-MBL/U50S250 — 250 feet
- AMP-MBL/U50S30 — 30 feet
- AMP-MBL/U50S275 — 275 feet
- AMP-MBL/U50S50 — 50 feet
- AMP-MBL/U50S300 — 300 feet
- AMP-MBL/U50S75 — 75 feet
- AMP-MBL/U50S400 — 400 feet
- AMP-MBL/U50S100 — 100 feet

2 INSTALLATION

Follow Procedure 1 to install the assembly. See Table 1 for cable color codes and pin assignments. For additional information, refer to the Practice for the plug-in unit.

Procedure 1. Installing an AMP-MBL/U50Sxxx Cable

STEP	ACTION
1	If the cable shields will be grounded at the far end, temporarily remove the connector hood and disconnect the shields (see Table 1). Then reinstall the hood.
2	Terminate the stub end as necessary.
3	Plug the cable's DS1 connection into the unit's front-panel connector.
4	Engage bail locks.
5	Secure the cable to the mounting or backboard.

3 CUSTOMER SERVICE

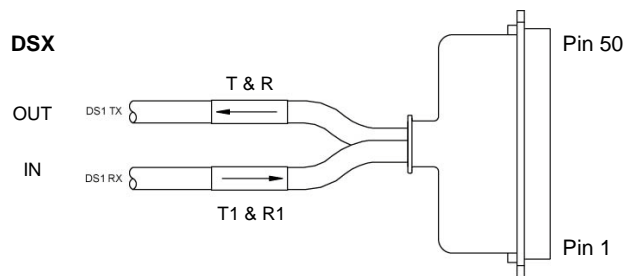
Direct questions concerning the cable to Pulsecom Technical Support. If a cable is defective, limit field repairs to replacement of the cable only.

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Table 1. AMP-MBL/U50Sxxx Cable Wiring

DS1 TX (Signals Received From Fiber)				DS1 RX (Signals Transmitted Into Fiber)			
Color Code Pair	Connector Pin Number	Function	DS1	Color Code Pair	Connector Pin Number	Function	DS1
WHT/BLU BLU/WHT	39 14	T R	DS1-1	WHT/BLU BLU/WHT	26 1	T1 R1	DS1-1
WHT/ORN ORN/WHT	40 15	T R	DS1-2	WHT/ORN ORN/WHT	27 2	T1 R1	DS1-2
WHT/GRN GRN/WHT	41 16	T R	DS1-3	WHT/GRN GRN/WHT	28 3	T1 R1	DS1-3
WHT/BRN BRN/WHT	42 17	T R	DS1-4	WHT/BRN BRN/WHT	29 4	T1 R1	DS1-4
WHT/SLT SLT/WHT	43 18	T R	DS1-5	WHT/SLT SLT/WHT	30 5	T1 R1	DS1-5
RED/BLU BLU/RED	44 19	T R	DS1-6	RED/BLU BLU/RED	31 6	T1 R1	DS1-6
RED/ORN ORN/RED	45 20	T R	DS1-7	RED/ORN ORN/RED	32 7	T1 R1	DS1-7
RED/GRN GRN/RED	46 21	T R	DS1-8	RED/GRN GRN/RED	33 8	T1 R1	DS1-8
RED/BRN BRN/RED	47 22	T R	DS1-9	RED/BRN BRN/RED	34 9	T1 R1	DS1-9
RED/SLT SLT/RED	48 23	T R	DS1-10	RED/SLT SLT/RED	35 10	T1 R1	DS1-10
BLK/BLU BLU/BLK	49 24	T R	DS1-11	BLK/BLU BLU/BLK	36 11	T1 R1	DS1-11
BLK/ORN ORN/BLK	50 25	T R	DS1-12	BLK/ORN ORN/BLK	37 12	T1 R1	DS1-12
Drain Wire	38	Shield*	-	Drain Wire	13	Shield*	-

*Disconnect shields if they will be grounded at the far end.



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