

Technical Bulletin

Test Plugs for Metrodata X.21 Ports

TB No	TB 13	Test Plugs for Metrodata X.21 Ports
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USAGE!

This Bulletin is for the assistance of qualified Service Engineers, and the work described should not be attempted by End Users of the products.

WARNING !

The DSU's contains static sensitive devices. Work should be carried out at a properly equipped anti-static station by personnel wearing anti-static straps.

INTRODUCTION

This Bulletin describes the connection layout for plugs to test the X.21 Timing & Data of X.21 Interfaces . These X.21 Loopbacks may be fitted to DC1000, DC2000, DC3000, FM4000 & FM4800 DSU's. The X.21 female outlet is located on the rear panel of the DSU and labelled 'DTE Port'. The Test plugs are inserted into the X.21 port before carrying out the appropriate tests.

ITEMS REQUIRED

- 1 Male 15 way D type **MALE** connector such as made by Thomas & Betts.
- 1 Soldering Iron
- Standard Wire

Note: The X.21 port is regarded as a SELV port within the scope of EN 41003.

MALE PLUG CONNECTIONS FOR Data & Timing

Pin No	Function	Connected	Pin No	Function
2	Transmit (A)		4	Receive (A)
3	Control (A)		5	Indication (A)
6	Signal Timing (A)		7	Terminal Timing (A)
9	Transmit (B)		11	Receive (B)
10	Control (B)		12	Indication (B)
13	Signal Timing (B)		14	Terminal Timing (B)

