



**Cable ID: ECC A-MCR A 01**

**Test Summary: PASS**

Date / Time: 26/08/2009 10:28:01am  
**Headroom: 0.94 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 10:28:01am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	1.50	1.26
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.00	0.94
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 10:28:01am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	1.11	0.75
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.39	1.45
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                     |                        |                         |
|---------------------|------------------------|-------------------------|
| FDDI                | 10BASE-FL              | 100BASE-FX              |
| 1000BASE-SX         | 1000BASE-LX            | TokenRing 4 Fiber Optic |
| ATM 52 Fiber Optic  | ATM 155 Fiber Optic    | ATM 155SWL Fiber Optic  |
| ATM 622 Fiber Optic | ATM 622SWL Fiber Optic | Fibre Channel 133       |
| Fibre Channel 266   | Fibre Channel 266SWL   |                         |



**Cable ID: ECC A-MCR A 02**

**Test Summary: PASS**

Date / Time: 26/08/2009 10:28:01am  
**Headroom: 1.86 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 10:28:01am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	1.06	0.34
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.44	1.86
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 10:28:01am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	0.64	0.09
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.86	2.11
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                     |                        |                         |
|---------------------|------------------------|-------------------------|
| FDDI                | 10BASE-FL              | 100BASE-FX              |
| 1000BASE-SX         | 1000BASE-LX            | TokenRing 4 Fiber Optic |
| ATM 52 Fiber Optic  | ATM 155 Fiber Optic    | ATM 155SWL Fiber Optic  |
| ATM 622 Fiber Optic | ATM 622SWL Fiber Optic | Fibre Channel 133       |
| Fibre Channel 266   | Fibre Channel 266SWL   |                         |



**Cable ID: ECC A-MCR A 03**

**Test Summary: PASS**

Date / Time: 26/08/2009 10:35:52am  
**Headroom: 2.06 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 10:35:52am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	0.65	0.14
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.85	2.06
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 10:35:52am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	0.60	0.10
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.90	2.10
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                     |                        |                         |
|---------------------|------------------------|-------------------------|
| FDDI                | 10BASE-FL              | 100BASE-FX              |
| 1000BASE-SX         | 1000BASE-LX            | TokenRing 4 Fiber Optic |
| ATM 52 Fiber Optic  | ATM 155 Fiber Optic    | ATM 155SWL Fiber Optic  |
| ATM 622 Fiber Optic | ATM 622SWL Fiber Optic | Fibre Channel 133       |
| Fibre Channel 266   | Fibre Channel 266SWL   |                         |



**Cable ID: ECC A-MCR A 04**

**Test Summary: PASS**

Date / Time: 26/08/2009 10:35:52am  
**Headroom: 1.83 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 10:35:52am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	1.07	0.37
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.43	1.83
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 10:35:52am  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	1024	
Length (m)	205.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	0.62	0.11
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	3.88	2.09
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 0  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                     |                        |                         |
|---------------------|------------------------|-------------------------|
| FDDI                | 10BASE-FL              | 100BASE-FX              |
| 1000BASE-SX         | 1000BASE-LX            | TokenRing 4 Fiber Optic |
| ATM 52 Fiber Optic  | ATM 155 Fiber Optic    | ATM 155SWL Fiber Optic  |
| ATM 622 Fiber Optic | ATM 622SWL Fiber Optic | Fibre Channel 133       |
| Fibre Channel 266   | Fibre Channel 266SWL   |                         |



**Cable ID: ECC A-MCR B 01**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:16:45pm  
**Headroom: 1.65 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:16:45pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.63	0.55
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.87	1.65
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:16:45pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.59	0.50
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.91	1.70
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

FDDI	10BASE-FL	100BASE-FX
TokenRing 4 Fiber Optic	ATM 52 Fiber Optic	ATM 155 Fiber Optic
ATM 155SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266



**Cable ID: ECC A-MCR B 02**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:16:45pm  
**Headroom: 1.69 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:16:45pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.58	0.51
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.92	1.69
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:16:45pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.55	0.49
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.95	1.71
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

FDDI	10BASE-FL	100BASE-FX
TokenRing 4 Fiber Optic	ATM 52 Fiber Optic	ATM 155 Fiber Optic
ATM 155SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266



**Cable ID: ECC A-MCR B 03**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:19:19pm  
**Headroom: 1.64 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:19:19pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.62	0.56
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.88	1.64
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:19:19pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.58	0.49
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.92	1.71
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |



**Cable ID: ECC A-MCR B 04**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:19:19pm  
**Headroom: 1.54 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:19:19pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.85	0.66
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.65	1.54
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:19:19pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.77	0.61
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.73	1.59
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

FDDI	10BASE-FL	100BASE-FX
TokenRing 4 Fiber Optic	ATM 52 Fiber Optic	ATM 155 Fiber Optic
ATM 155SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266



**Cable ID: ECC A-MCR B 05**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:20:57pm  
**Headroom: 1.59 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:20:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.76	0.61
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.74	1.59
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:20:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.73	0.54
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.77	1.66
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |



**Cable ID: ECC A-MCR B 06**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:20:57pm  
**Headroom: 1.59 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:20:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.75	0.61
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.75	1.59
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:20:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.63	0.47
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.87	1.73
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |



**Cable ID: ECC A-MCR B 07**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:23:09pm  
**Headroom: 1.49 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:23:09pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.83	0.71
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.67	1.49
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:23:09pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.69	0.52
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.81	1.68
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |



**Cable ID: ECC A-MCR B 08**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:23:09pm  
**Headroom: 1.51 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:23:09pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.88	0.69
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.62	1.51
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:23:09pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.76	0.57
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.74	1.63
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

FDDI	10BASE-FL	100BASE-FX
TokenRing 4 Fiber Optic	ATM 52 Fiber Optic	ATM 155 Fiber Optic
ATM 155SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266



**Cable ID: ECC A-MCR B 09**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:28:57pm  
**Headroom: 1.04 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:28:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	3.29	1.16
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.21	1.04
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:28:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	3.05	0.92
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.45	1.28
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |



**Cable ID: ECC A-MCR B 10**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:28:57pm  
**Headroom: 1.56 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:28:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.72	0.64
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.78	1.56
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:28:57pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4434	
Length (m)	891.5	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	2.65	0.54
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.85	1.66
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

FDDI	10BASE-FL	100BASE-FX
TokenRing 4 Fiber Optic	ATM 52 Fiber Optic	ATM 155 Fiber Optic
ATM 155SWL Fiber Optic	Fibre Channel 133	Fibre Channel 266



**Cable ID: ECC A-MCR B 11**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:31:40pm  
**Headroom: 0.98 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:31:40pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4441	
Length (m)	892.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	3.26	1.20
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.24	1.00
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:31:40pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4441	
Length (m)	892.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	3.29	1.22
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.21	0.98
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |



**Cable ID: ECC A-MCR B 12**

**Test Summary: PASS**

Date / Time: 26/08/2009 12:31:40pm  
**Headroom: 0.71 dB (Loss)**  
**Test Limit: General Fiber Optic**  
 Cable Type: Multimode 62.5

Operator: ERROL PARTRIDGE  
 Software Version: 2.2200  
 Limits Version: 1.3700

Model: DTX-1800  
 Main S/N: 9325071  
 Remote S/N: 9325072  
 Main Adapter: DTX-GFM2  
 Remote Adapter: DTX-GFM2

**Loss R->M PASS**

Date / Time: 26/08/2009 12:31:40pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)

Propagation Delay (ns)	4441	
Length (m)	892.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	3.09	0.96
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	1.41	1.24
Reference (dBm)	-6.48	-6.59

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

**Loss M->R PASS**

Date / Time: 26/08/2009 12:31:40pm  
 Cable Type: Multimode 62.5  
 Modal Bandwidth: 160 MHz-km  
 Remote: DTX-1800R (9325072 v2.2200)  
 Module: DTX-GFM2 (9462033)  
 MAIN: DTX-1800 (9325071 v2.2200)  
 Module: DTX-GFM2 (9462035)

Propagation Delay (ns)	4441	
Length (m)	892.9	PASS
Limit 1000.0		
	VCSEL 850 nm	1310 nm
Result	PASS	PASS
Loss (dB)	3.55	1.49
Loss Limit (dB)	4.50	2.20
Loss Margin (dB)	0.95	0.71
Reference (dBm)	-6.78	-6.35

n = 1.4910  
 Number of Adapters: 2  
 Number of Splices: 1  
 Patch Type: Multimode 62.5  
 Patch Length1 (m): 1.0  
 Patch Length2 (m): 1.0  
 Reference Date: 26/08/2009 10:00:08am  
 Method B

Compliant Network Standards:

- |                         |                    |                     |
|-------------------------|--------------------|---------------------|
| FDDI                    | 10BASE-FL          | 100BASE-FX          |
| TokenRing 4 Fiber Optic | ATM 52 Fiber Optic | ATM 155 Fiber Optic |
| ATM 155SWL Fiber Optic  | Fibre Channel 133  | Fibre Channel 266   |