LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J1

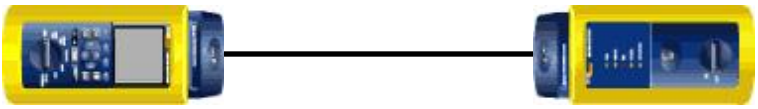
Test Summary: PASS

Date / Time: 12/20/2004 09:56:23am
Headroom: 19.6 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-45
NEXT (dB)	19.7	19.6	21.7	23.2
Freq. (MHz)	1.0	1.0	89.4	96.0
Limit (dB)	60.0	60.0	33.2	32.6
Worst Pair	45	45	12	12
PSNEXT (dB)	20.8	20.7	22.7	23.6
Freq. (MHz)	1.0	1.0	96.0	97.0
Limit (dB)	57.0	57.0	29.6	29.5

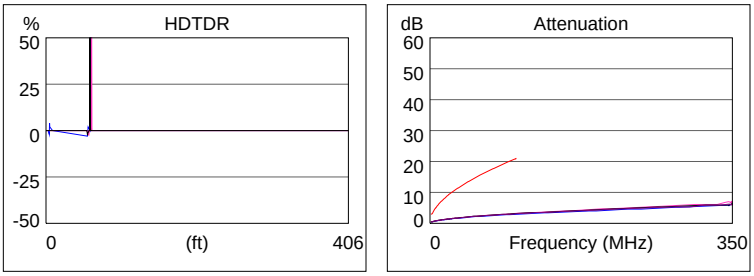
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ELFEXT (dB)	14.4	14.4	18.3	18.4
Freq. (MHz)	1.0	1.0	98.0	99.8
Limit (dB)	58.6	58.6	18.8	18.6
Worst Pair	36	36	12	36
PSELFEXT (dB)	17.2	17.3	21.5	21.4
Freq. (MHz)	1.0	1.0	99.8	99.8
Limit (dB)	55.6	55.6	15.6	15.6

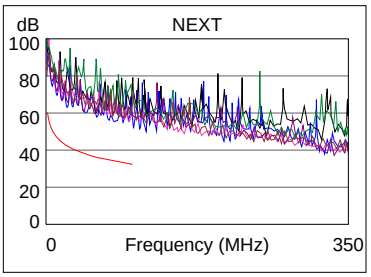
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-36
ACR (dB)	22.2	22.1	38.5	41.0
Freq. (MHz)	1.0	1.0	89.4	97.8
Limit (dB)	57.0	57.0	13.4	11.7
Worst Pair	45	45	12	12
PSACR (dB)	23.3	23.2	40.3	41.3
Freq. (MHz)	1.0	1.0	96.0	97.0
Limit (dB)	54.0	54.0	9.1	8.9

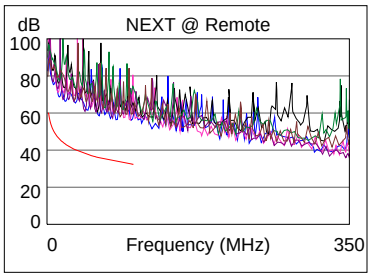
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	13.2	11.1	13.2	11.1
Freq. (MHz)	98.4	98.4	98.4	98.4
Limit (dB)	12.1	12.1	12.1	12.1

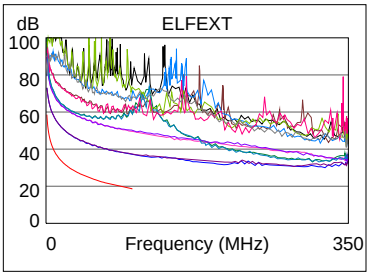
Compliant Network Standards:

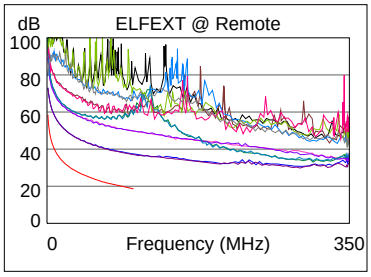
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

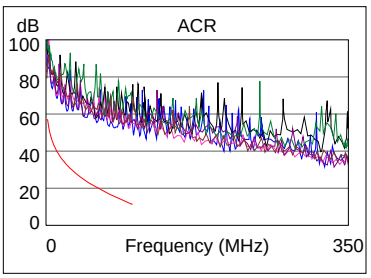


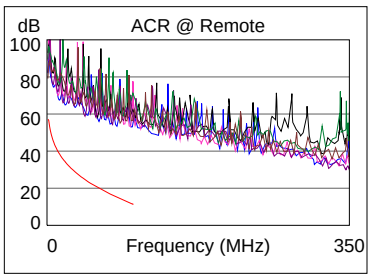


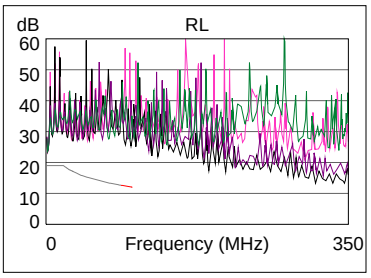


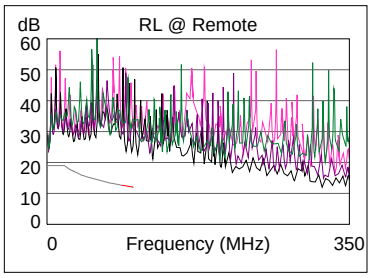












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J2

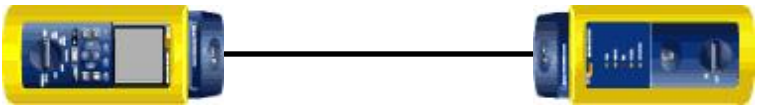
Test Summary: PASS

Date / Time: 12/20/2004 09:58:02am
Headroom: 20.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	81
Delay Skew (ns), Limit 44	[Pair 45]	5
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	36-45
NEXT (dB)	20.1	20.3	21.6	22.3
Freq. (MHz)	59.2	1.0	96.2	100.0
Limit (dB)	36.1	60.0	32.6	32.3
Worst Pair	36	45	12	45
PSNEXT (dB)	21.2	21.0	22.3	23.8
Freq. (MHz)	31.2	1.0	96.2	100.0
Limit (dB)	37.6	57.0	29.6	29.3

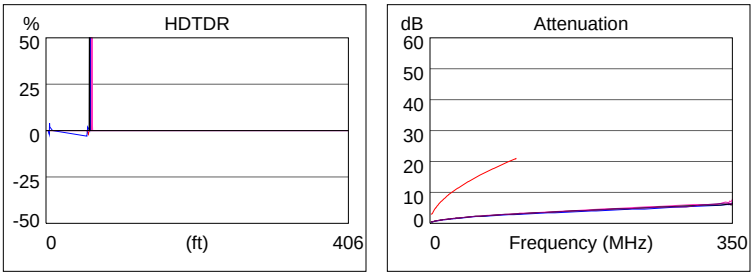
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ELFEXT (dB)	14.7	14.7	19.3	19.4
Freq. (MHz)	1.0	1.0	98.4	100.0
Limit (dB)	58.6	58.6	18.8	18.6
Worst Pair	12	12	12	12
PSELFEXT (dB)	17.4	17.3	21.8	21.8
Freq. (MHz)	1.0	1.0	100.0	99.0
Limit (dB)	55.6	55.6	15.6	15.7

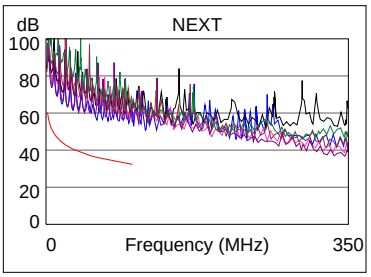
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	36-45
ACR (dB)	24.5	22.8	39.1	40.2
Freq. (MHz)	1.0	1.0	96.2	100.0
Limit (dB)	57.0	57.0	12.0	11.3
Worst Pair	45	45	12	45
PSACR (dB)	24.8	23.5	40.1	41.7
Freq. (MHz)	1.0	1.0	96.2	100.0
Limit (dB)	54.0	54.0	9.0	8.3

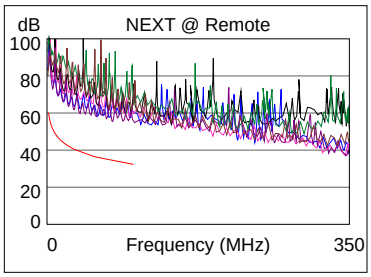
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	12.7	11.5	12.7	11.5
Freq. (MHz)	99.0	99.0	99.0	99.0
Limit (dB)	12.1	12.1	12.1	12.1

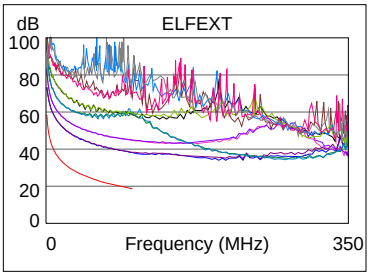
Compliant Network Standards:

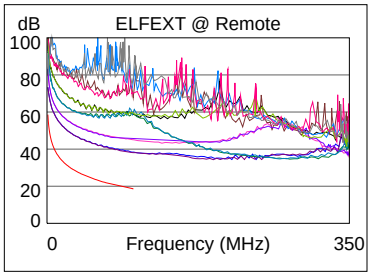
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

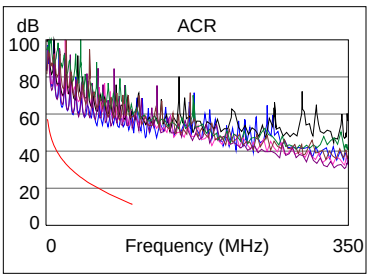


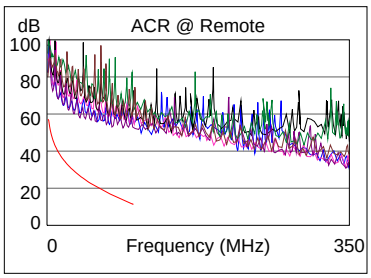


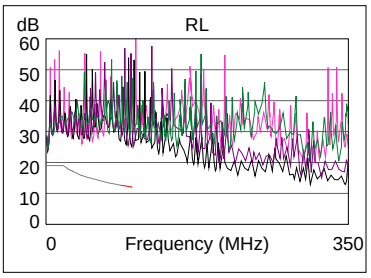


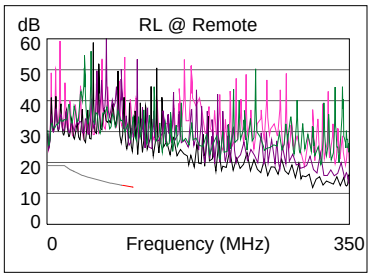












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J3

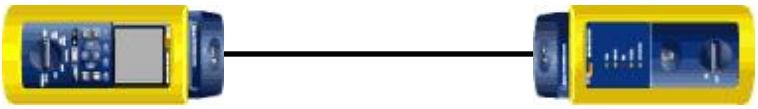
Test Summary: PASS

Date / Time: 12/20/2004 09:59:01am
Headroom: 20.9 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	81
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-45	12-45
NEXT (dB)	20.9	21.1	21.3	21.7
Freq. (MHz)	24.4	1.1	89.6	89.2
Limit (dB)	42.3	60.0	33.1	33.2
Worst Pair	12	45	12	12
PSNEXT (dB)	22.0	22.3	22.3	24.3
Freq. (MHz)	89.6	1.0	95.6	97.2
Limit (dB)	30.1	57.0	29.7	29.5

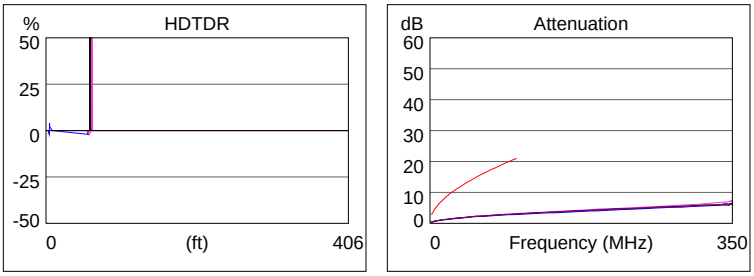
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-12
ELFEXT (dB)	15.1	15.2	19.9	19.8
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	58.6	58.6	18.6	18.6
Worst Pair	12	12	12	12
PSELFEXT (dB)	17.9	17.9	22.3	22.4
Freq. (MHz)	1.1	1.0	99.8	100.0
Limit (dB)	54.8	55.6	15.6	15.6

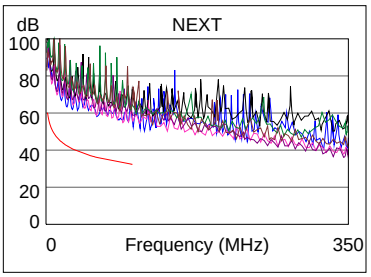
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-45
ACR (dB)	25.4	23.7	40.1	38.6
Freq. (MHz)	1.0	1.1	100.0	89.2
Limit (dB)	57.0	57.0	11.3	13.4
Worst Pair	45	45	12	12
PSACR (dB)	26.1	24.8	40.0	42.1
Freq. (MHz)	1.0	1.0	95.6	97.2
Limit (dB)	54.0	54.0	9.2	8.9

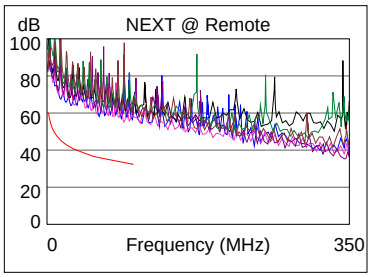
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	13.2	11.4	13.2	11.4
Freq. (MHz)	98.4	98.2	98.4	98.2
Limit (dB)	12.1	12.1	12.1	12.1

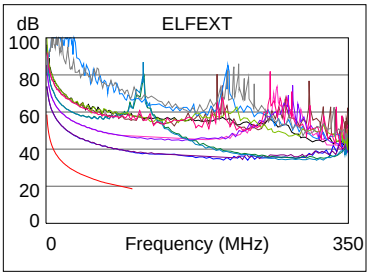
Compliant Network Standards:

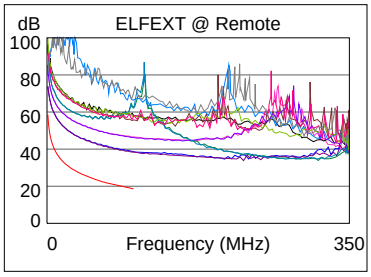
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

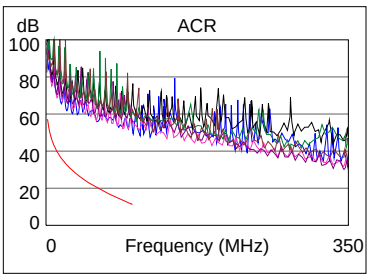


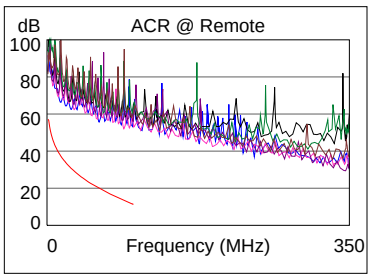


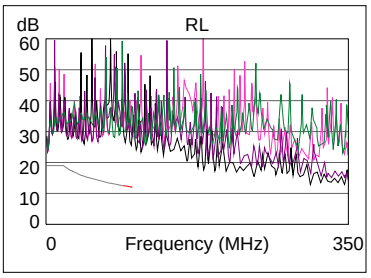


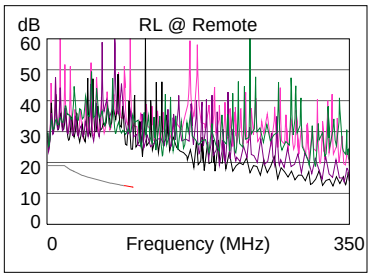












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J4

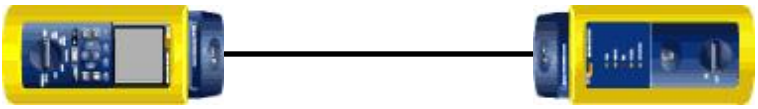
Test Summary: PASS

Date / Time: 12/20/2004 09:59:50am
Headroom: 19.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	81
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	19.1	19.4	19.8	19.6
Freq. (MHz)	12.9	50.4	94.2	88.2
Limit (dB)	46.8	37.2	32.8	33.3
Worst Pair	36	45	36	45
PSNEXT (dB)	20.8	21.4	20.8	22.1
Freq. (MHz)	88.0	75.6	88.0	94.8
Limit (dB)	30.3	31.3	30.3	29.7

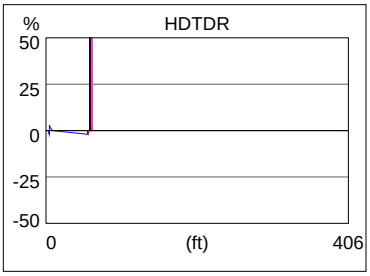
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
ELFEXT (dB)	15.7	15.6	20.4	20.4
Freq. (MHz)	1.0	1.0	99.6	100.0
Limit (dB)	58.6	58.6	18.6	18.6
Worst Pair	36	36	36	36
PSELFEXT (dB)	18.6	18.5	23.3	23.3
Freq. (MHz)	1.0	1.0	99.6	100.0
Limit (dB)	55.6	55.6	15.6	15.6

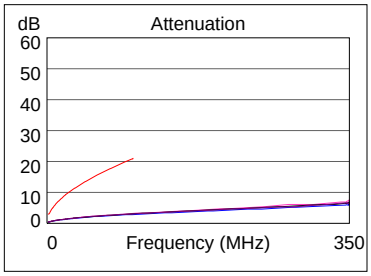
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR (dB)	23.9	24.0	37.2	36.4
Freq. (MHz)	6.5	6.6	94.2	88.2
Limit (dB)	46.5	46.4	12.4	13.6
Worst Pair	45	45	36	45
PSACR (dB)	24.4	24.3	37.6	39.5
Freq. (MHz)	1.0	1.0	88.0	94.8
Limit (dB)	54.0	54.0	10.6	9.3

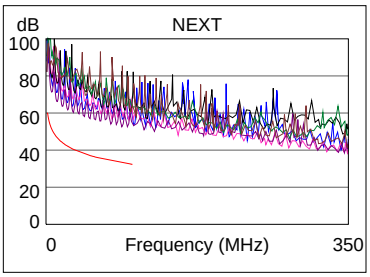
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	14.8	13.8	14.8	13.8
Freq. (MHz)	100.0	98.2	100.0	98.2
Limit (dB)	12.0	12.1	12.0	12.1

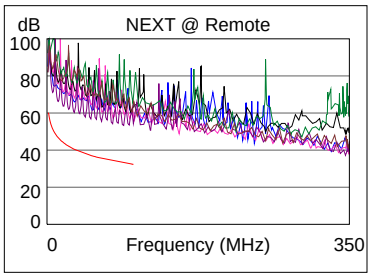
Compliant Network Standards:

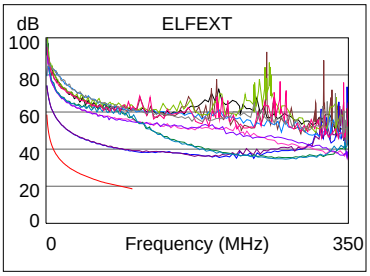
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

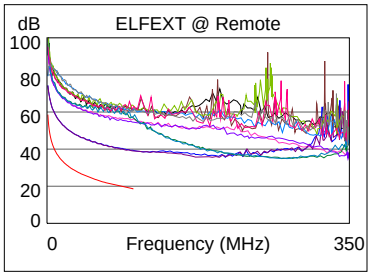


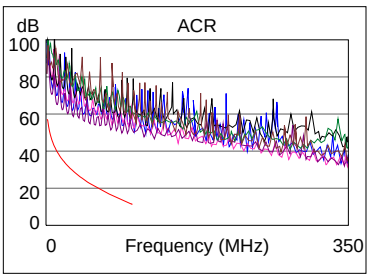


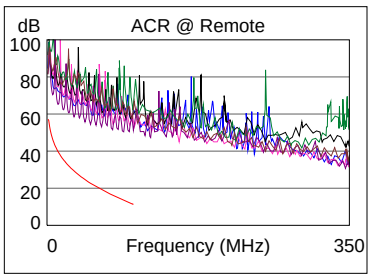


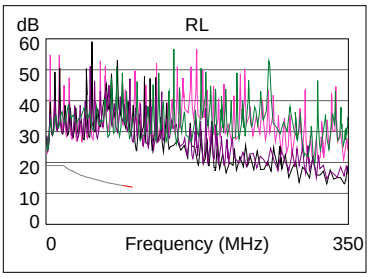


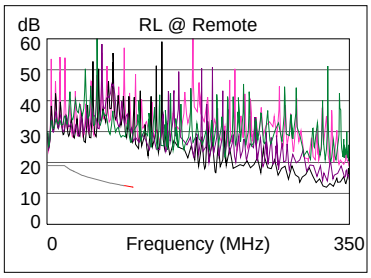












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J5

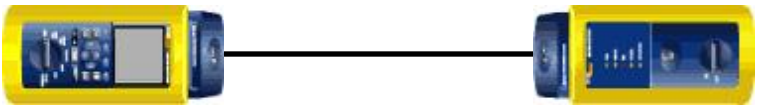
Test Summary: PASS

Date / Time: 12/20/2004 10:00:45am
Headroom: 17.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	17.1	17.7	17.1	17.7
Freq. (MHz)	96.4	97.0	96.4	97.0
Limit (dB)	32.6	32.6	32.6	32.6
Worst Pair	12	12	12	12
PSNEXT (dB)	18.8	19.4	18.8	19.4
Freq. (MHz)	96.4	96.6	96.4	96.6
Limit (dB)	29.6	29.6	29.6	29.6

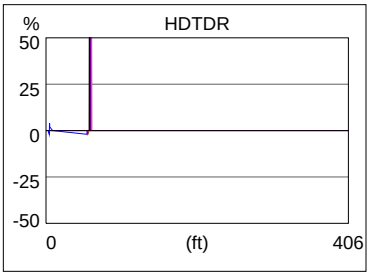
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-12
ELFEXT (dB)	14.3	14.4	18.8	18.7
Freq. (MHz)	1.0	1.0	99.6	100.0
Limit (dB)	58.6	58.6	18.6	18.6
Worst Pair	36	12	12	36
PSELFEXT (dB)	17.2	17.3	21.8	21.7
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6

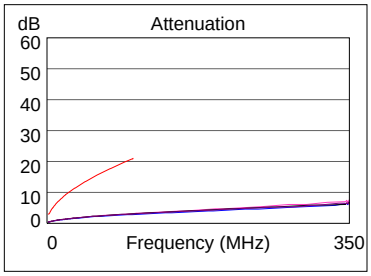
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	12-36
ACR (dB)	24.7	24.4	34.6	35.3
Freq. (MHz)	12.5	1.0	96.4	97.0
Limit (dB)	40.0	57.0	12.0	11.9
Worst Pair	45	45	12	12
PSACR (dB)	25.6	25.1	36.6	37.2
Freq. (MHz)	1.0	1.0	96.4	96.6
Limit (dB)	54.0	54.0	9.0	9.0

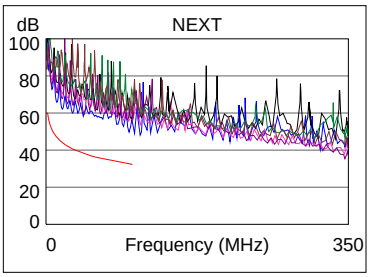
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	12.9	11.3	12.9	11.3
Freq. (MHz)	99.0	98.8	99.0	98.8
Limit (dB)	12.1	12.1	12.1	12.1

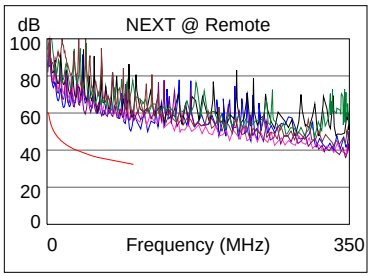
Compliant Network Standards:

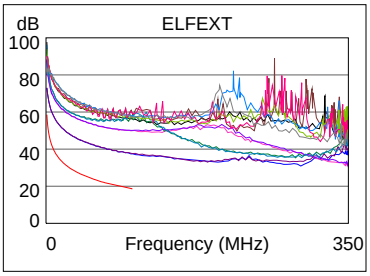
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

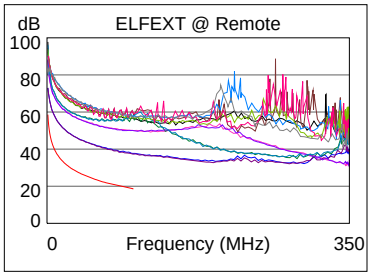


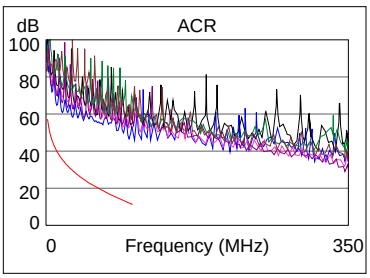


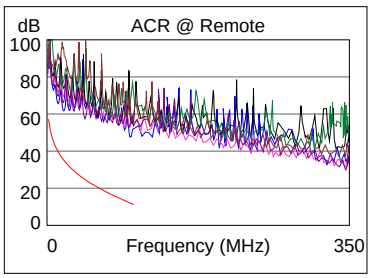


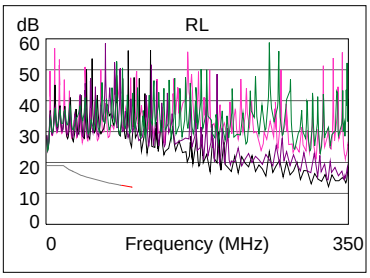


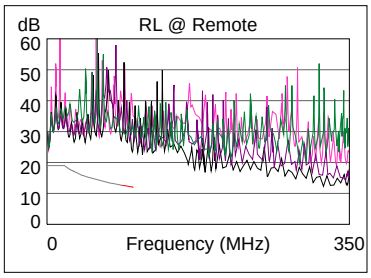












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J6

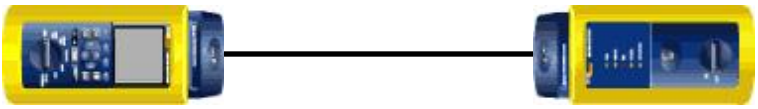
Test Summary: PASS

Date / Time: 12/20/2004 10:01:44am
Headroom: 19.2 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	81
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	19.2	20.5	19.4	21.1
Freq. (MHz)	65.2	65.2	77.6	96.0
Limit (dB)	35.4	35.4	34.1	32.6
Worst Pair	12	45	12	12
PSNEXT (dB)	20.6	21.2	21.8	21.7
Freq. (MHz)	65.2	1.0	96.2	96.0
Limit (dB)	32.4	57.0	29.6	29.6

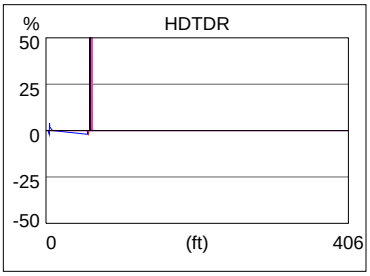
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	36-12	12-36	36-12
ELFEXT (dB)	15.0	14.9	19.2	19.1
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	58.6	58.6	18.6	18.6
Worst Pair	12	36	12	12
PSELFEXT (dB)	17.6	17.7	21.8	21.8
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6

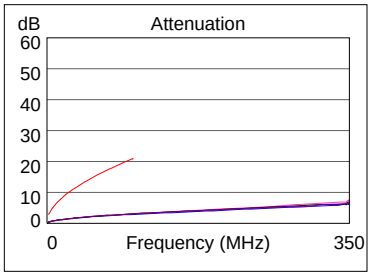
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-36
ACR (dB)	24.0	23.0	34.9	38.5
Freq. (MHz)	1.1	1.0	77.6	96.0
Limit (dB)	57.0	57.0	15.9	12.1
Worst Pair	45	45	12	12
PSACR (dB)	25.1	23.7	39.6	39.4
Freq. (MHz)	1.0	1.0	96.2	96.0
Limit (dB)	54.0	54.0	9.0	9.1

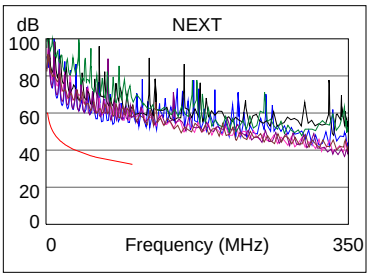
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	13.0	11.9	13.0	11.9
Freq. (MHz)	98.2	98.0	98.2	98.0
Limit (dB)	12.1	12.1	12.1	12.1

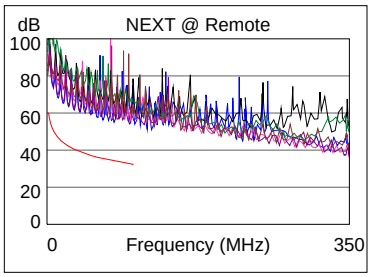
Compliant Network Standards:

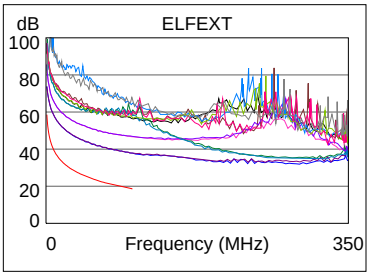
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

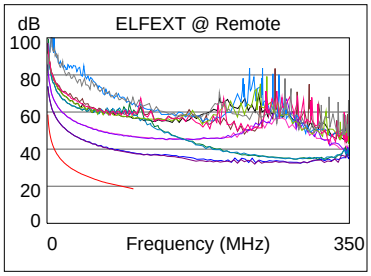


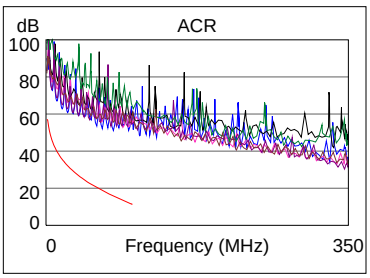


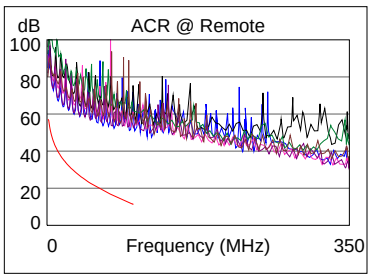


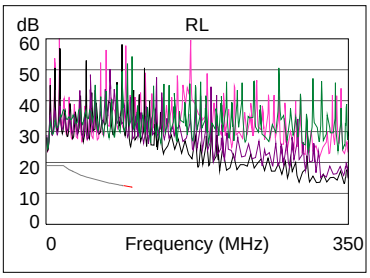


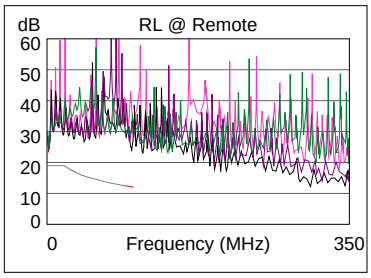












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J7

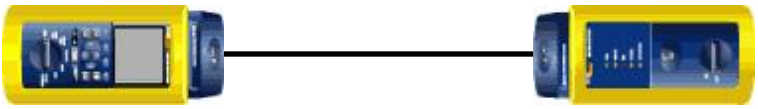
Test Summary: PASS

Date / Time: 12/20/2004 10:02:35am
Headroom: 16.6 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	18.8	16.6	20.6	16.7
Freq. (MHz)	19.1	95.6	96.4	95.8
Limit (dB)	44.1	32.7	32.6	32.6
Worst Pair	36	12	36	12
PSNEXT (dB)	20.0	18.6	21.2	18.7
Freq. (MHz)	19.2	95.6	96.4	96.0
Limit (dB)	41.0	29.7	29.6	29.6

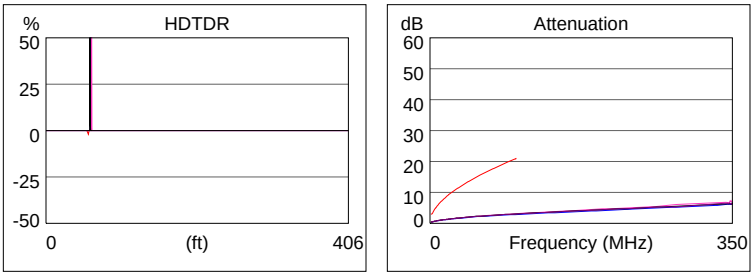
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	36-12	12-36	36-12
ELFEXT (dB)	16.3	16.2	21.0	21.1
Freq. (MHz)	1.0	1.0	97.4	100.0
Limit (dB)	58.6	58.6	18.8	18.6
Worst Pair	12	12	12	12
PSELFEXT (dB)	18.4	18.9	22.4	22.3
Freq. (MHz)	1.0	1.1	100.0	97.4
Limit (dB)	55.6	54.8	15.6	15.8

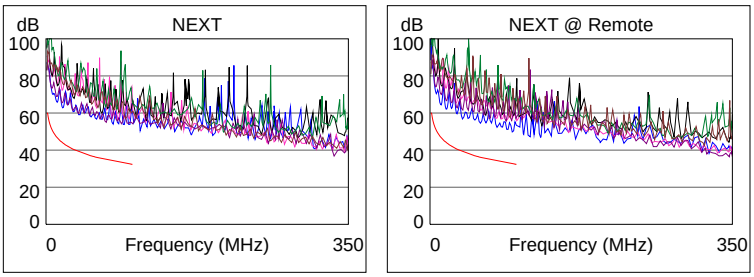
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR (dB)	24.0	23.4	38.1	34.2
Freq. (MHz)	7.0	12.6	96.4	95.8
Limit (dB)	45.8	39.9	12.0	12.1
Worst Pair	45	45	36	12
PSACR (dB)	25.1	24.1	38.7	36.4
Freq. (MHz)	1.0	1.0	96.4	96.0
Limit (dB)	54.0	54.0	9.0	9.1

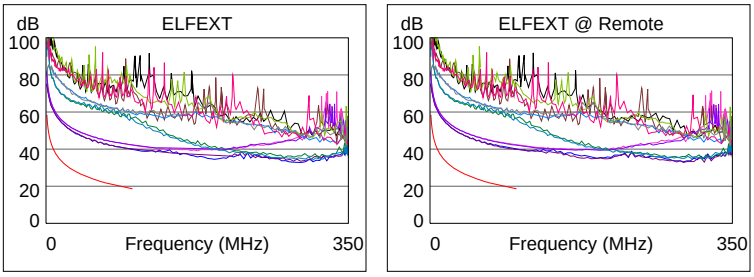
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	15.2	13.7	15.3	13.7
Freq. (MHz)	94.8	98.2	95.0	98.2
Limit (dB)	12.3	12.1	12.2	12.1

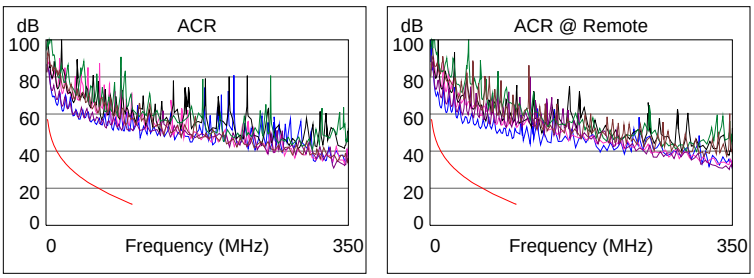
Compliant Network Standards:

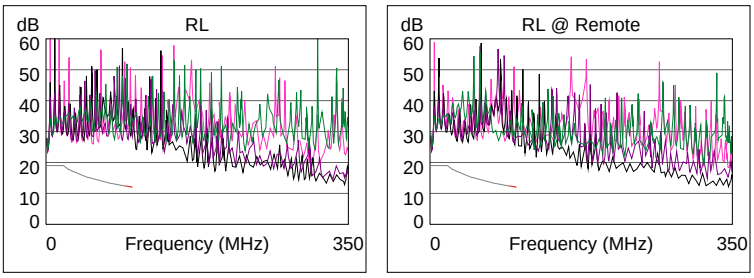
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	











Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J8

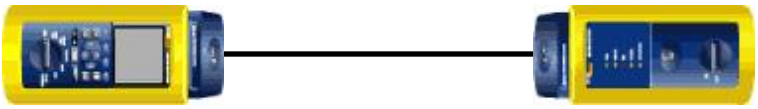
Test Summary: PASS

Date / Time: 12/20/2004 10:03:24am
Headroom: 20.4 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	20.4	21.2	23.0	21.2
Freq. (MHz)	66.2	97.6	100.0	97.6
Limit (dB)	35.3	32.5	32.3	32.5
Worst Pair	36	12	36	12
PSNEXT (dB)	22.3	22.1	23.9	22.1
Freq. (MHz)	18.5	97.6	100.0	97.6
Limit (dB)	41.3	29.5	29.3	29.5

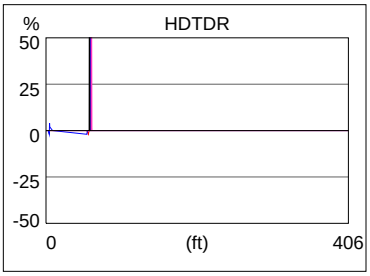
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-12
ELFEXT (dB)	15.4	15.5	19.9	19.7
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	58.6	58.6	18.6	18.6
Worst Pair	36	12	12	36
PSELFEXT (dB)	18.3	18.5	22.9	22.7
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6

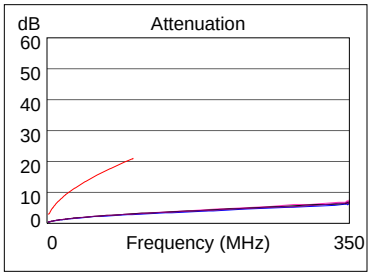
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-36
ACR (dB)	25.6	25.0	40.9	38.8
Freq. (MHz)	1.0	1.1	100.0	97.6
Limit (dB)	57.0	57.0	11.3	11.8
Worst Pair	45	45	36	12
PSACR (dB)	26.2	25.0	41.8	40.0
Freq. (MHz)	1.0	1.0	100.0	97.6
Limit (dB)	54.0	54.0	8.3	8.8

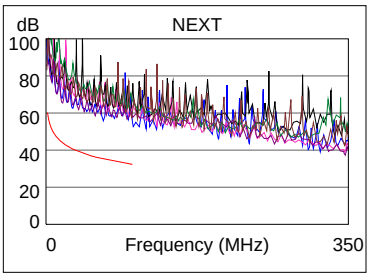
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	13.4	12.5	13.4	12.5
Freq. (MHz)	100.0	98.4	100.0	98.4
Limit (dB)	12.0	12.1	12.0	12.1

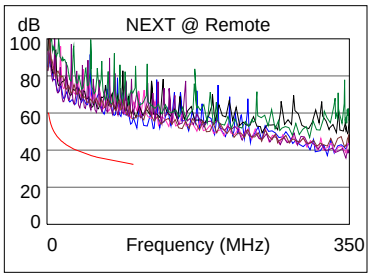
Compliant Network Standards:

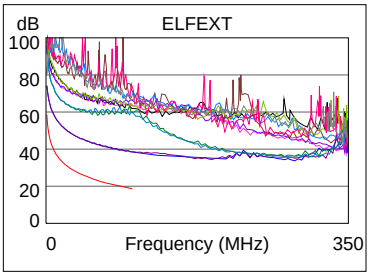
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

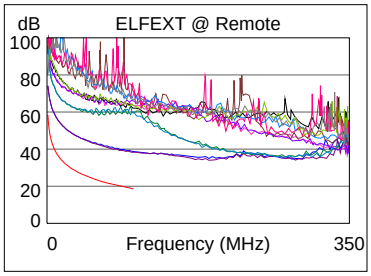


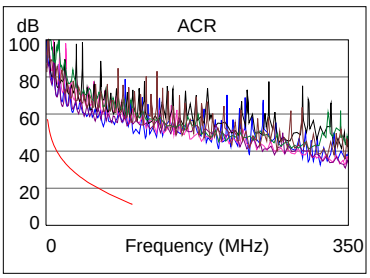


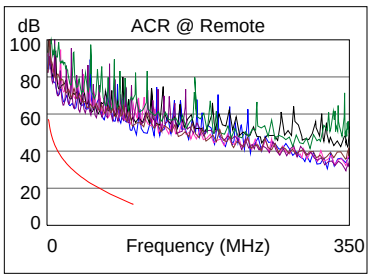


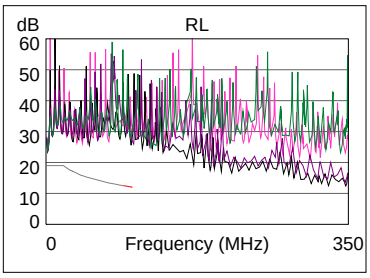


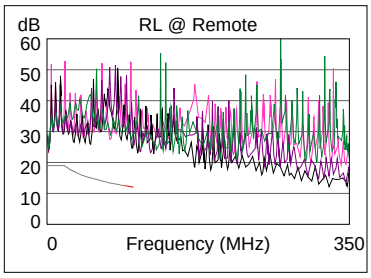












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J9

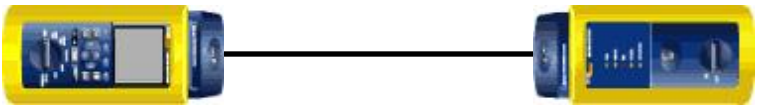
Test Summary: PASS

Date / Time: 12/20/2004 10:04:17am
Headroom: 18.5 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	3
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	18.6	18.5	20.0	19.8
Freq. (MHz)	12.9	65.0	84.2	96.4
Limit (dB)	46.8	35.4	33.6	32.6
Worst Pair	36	36	12	12
PSNEXT (dB)	19.8	19.6	22.4	21.3
Freq. (MHz)	31.8	31.6	96.2	96.2
Limit (dB)	37.5	37.5	29.6	29.6

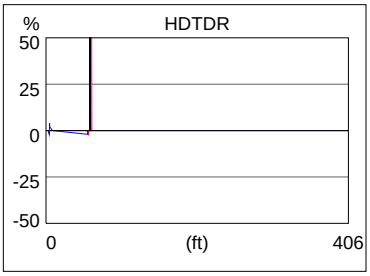
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	36-12	12-36	36-12
ELFEXT (dB)	15.1	15.1	20.1	20.0
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	58.6	58.6	18.6	18.6
Worst Pair	12	36	12	36
PSELFEXT (dB)	18.1	18.1	23.0	22.9
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6

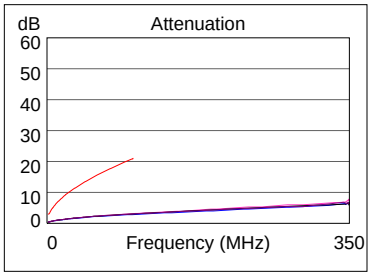
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	12-36
ACR (dB)	24.5	24.2	38.8	37.3
Freq. (MHz)	12.6	1.0	96.2	96.4
Limit (dB)	39.9	57.0	12.0	12.0
Worst Pair	45	45	12	12
PSACR (dB)	25.3	24.7	40.2	39.1
Freq. (MHz)	1.0	1.0	96.2	96.2
Limit (dB)	54.0	54.0	9.0	9.0

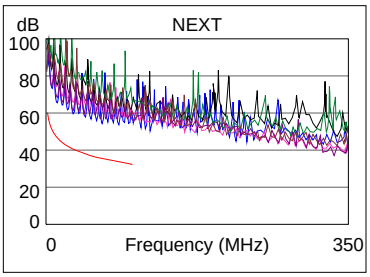
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.2	12.5	14.2	12.5
Freq. (MHz)	98.6	98.8	98.6	98.8
Limit (dB)	12.1	12.1	12.1	12.1

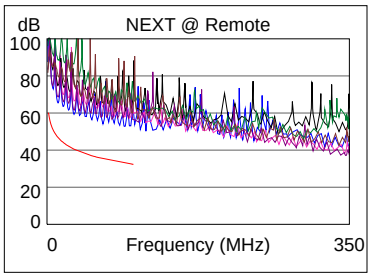
Compliant Network Standards:

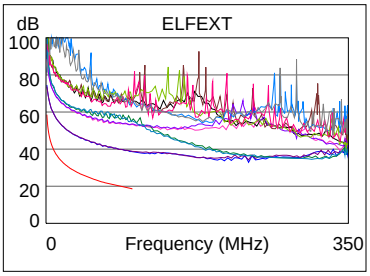
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

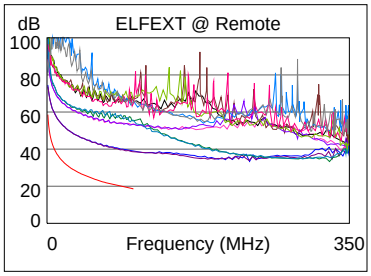


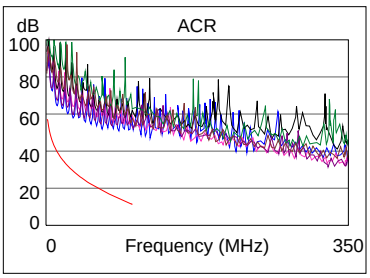


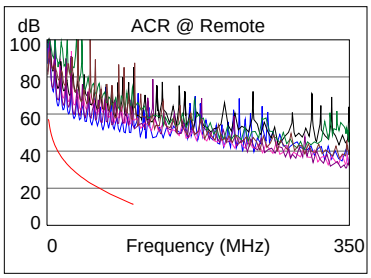


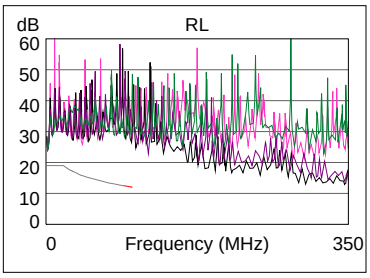


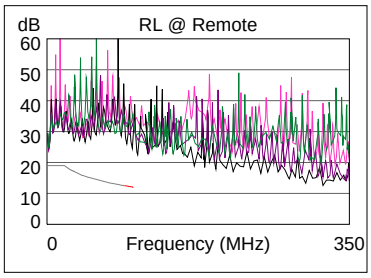












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw

LINKWARE
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: F33P-J10

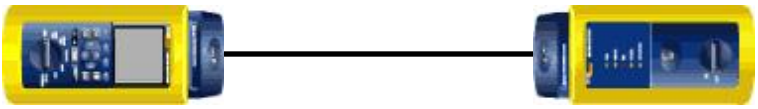
Test Summary: PASS

Date / Time: 12/20/2004 10:05:04am
Headroom: 17.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: UTP 100 Ohm Cat 5e
Fault Anomaly Threshold: 15%

Operator: Your Name
Software Version: 1.921
Limits Version: 5.14
NVP: 69.0%
Shield Test: N/A

Model: DSP-4300
Main S/N: 8351013
Remote S/N: 8351013
Main Adapter: PM- 006
Remote Adapter: PM- 006

Wire Map	1 2 3 4 5 6 7 8 S
PASS	| | | | | | | |
	1 2 3 4 5 6 7 8



Length (ft), Limit 295	[Pair 78]	52
Prop. Delay (ns), Limit 498	[Pair 45]	80
Delay Skew (ns), Limit 44	[Pair 45]	4
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	18.9	17.3	20.0	17.3
Freq. (MHz)	19.3	96.2	90.4	96.2
Limit (dB)	44.0	32.6	33.1	32.6
Worst Pair	36	12	12	12
PSNEXT (dB)	20.6	19.8	22.2	19.8
Freq. (MHz)	19.3	96.2	97.0	96.2
Limit (dB)	41.0	29.6	29.5	29.6

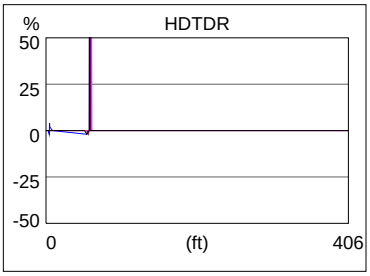
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	36-12	12-36	12-36
ELFEXT (dB)	14.8	14.7	18.6	18.9
Freq. (MHz)	1.0	1.0	97.6	97.6
Limit (dB)	58.6	58.6	18.8	18.8
Worst Pair	12	36	36	12
PSELFEXT (dB)	17.8	17.7	21.6	21.8
Freq. (MHz)	1.0	1.0	97.6	97.6
Limit (dB)	55.6	55.6	15.8	15.8

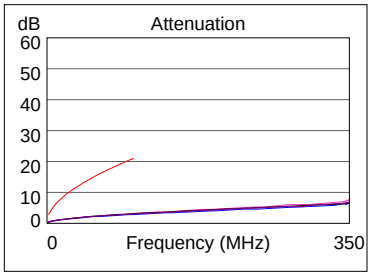
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-36
ACR (dB)	25.1	23.3	38.2	34.8
Freq. (MHz)	1.0	1.1	97.0	96.2
Limit (dB)	57.0	57.0	11.9	12.0
Worst Pair	45	45	12	36
PSACR (dB)	25.8	24.7	40.0	37.4
Freq. (MHz)	1.0	1.0	97.0	96.2
Limit (dB)	54.0	54.0	8.9	9.0

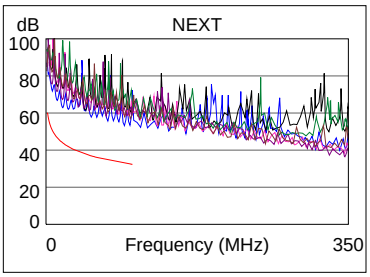
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	14.7	13.1	14.7	13.2
Freq. (MHz)	92.4	99.0	92.4	99.2
Limit (dB)	12.4	12.1	12.4	12.0

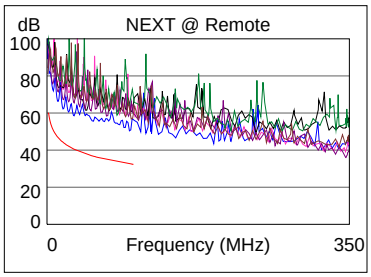
Compliant Network Standards:

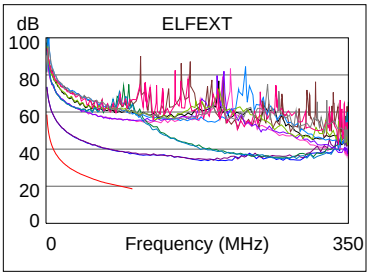
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

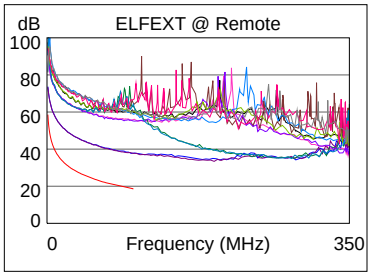


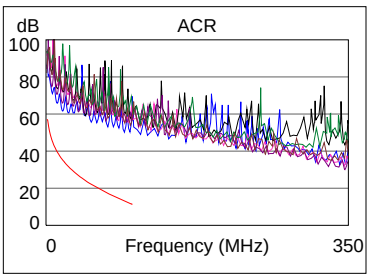


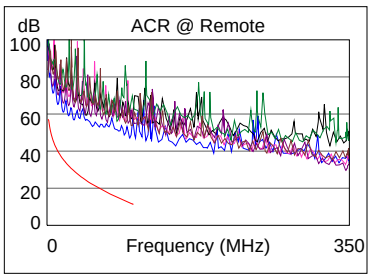


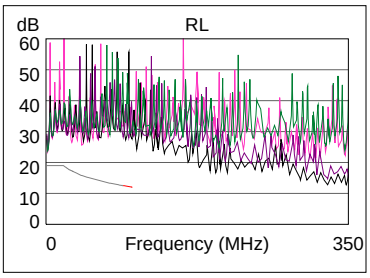


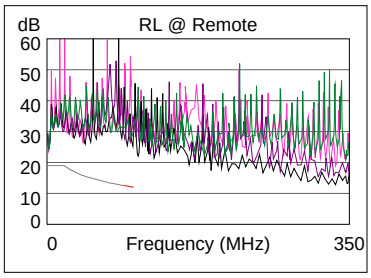












Site: Client Name

FLUKE networks

Jack Cords tested at Cat5e.flw