

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
FPC-5004E-SOL	PASS	ISO11801 Channel Class D	206 ft	6.7 dB (NEXT)	06/09/2026 02:35 PM
FPC-6004-L/100	PASS	ISO11801 Channel Class E	86 ft	2.1 dB (NEXT)	06/09/2026 02:37 PM
UPC-5004E-F	PASS	ISO11801 Channel Class D	99 ft	13.8 dB (NEXT)	06/09/2026 02:39 PM
UPC-5004E-L/100	PASS	ISO11801 Channel Class D	83 ft	18.2 dB (NEXT)	06/09/2026 02:40 PM
UPC-5004E-SOL-R	PASS	ISO11801 Channel Class D	229 ft	3.7 dB (NEXT)	06/09/2026 02:41 PM
UPC-6004SE-SOL	PASS	ISO11801 Channel Class E	241 ft	3.3 dB (NEXT)	06/09/2026 02:50 PM

Total Length:	944 ft
Number of Reports:	6
Number of Passing Reports:	6
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: FPC-5004E-SOL

Test Limit: ISO11801 Channel Class D

Limits Version: 1.9500

Date / Time: 06/09/2026 02:35:56 PM

Operator: JACK

Headroom 6.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e F/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2433075

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MCOR39J

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2433076

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MBYW0TP

Length (ft)	[Pair 7,8]	206
Prop. Delay (ns), Limit 555	[Pair 3,6]	318
Delay Skew (ns), Limit 50	[Pair 3,6]	15
Resistance (ohms), Limit 25.0	[Pair 1,2]	14.0
Insertion Loss Margin (dB)	[Pair 1,2]	7.2
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-7,8
NEXT (dB)	6.7	9.8	6.7	11.6
Freq. (MHz)	42.3	8.9	42.3	85.0
Limit (dB)	36.5	47.9	36.5	31.3
Worst Pair	3,6	4,5	1,2	7,8
PS NEXT (dB)	9.5	12.3	13.1	12.8
Freq. (MHz)	42.0	8.9	77.8	85.3
Limit (dB)	33.5	44.9	29.0	28.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-1,2	1,2-7,8	7,8-1,2	1,2-7,8
ACR-F (dB)	15.5	15.8	15.5	15.8
Freq. (MHz)	86.0	85.8	86.0	85.8
Limit (dB)	18.7	18.7	18.7	18.7
Worst Pair	3,6	7,8	1,2	7,8
PS ACR-F (dB)	17.5	17.3	18.3	18.1
Freq. (MHz)	38.5	39.5	86.0	86.3
Limit (dB)	22.7	22.5	15.7	15.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	1,2-7,8
ACR-N (dB)	10.0	11.3	20.0	18.0
Freq. (MHz)	9.0	8.9	83.3	85.0
Limit (dB)	41.0	41.1	9.7	9.3
Worst Pair	3,6	3,6	1,2	3,6
PS ACR-N (dB)	11.4	12.9	18.8	21.1
Freq. (MHz)	9.0	9.0	77.8	94.3
Limit (dB)	38.0	38.0	8.0	4.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	3,6	7,8	7,8
RL (dB)	2.7	4.2	2.7	4.2
Freq. (MHz)	84.8	2.3	84.8	84.8
Limit (dB)	10.7	17.0	10.7	10.7

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive

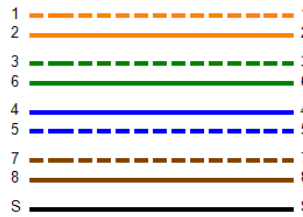


206 ft

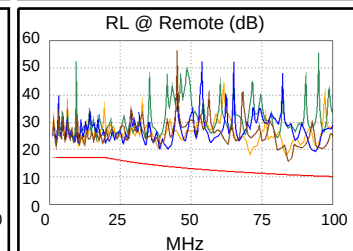
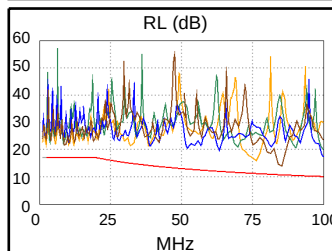
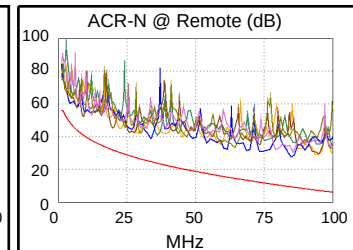
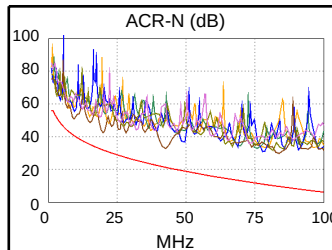
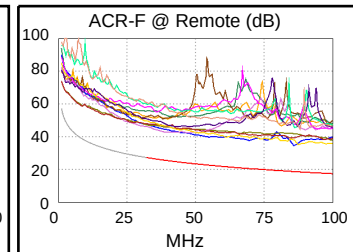
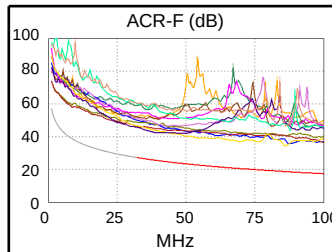
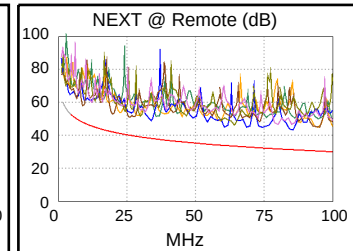
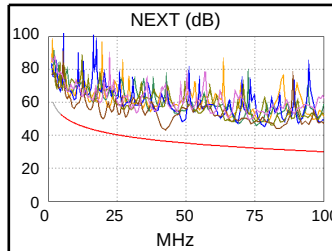
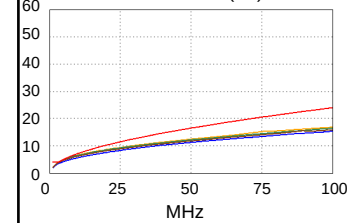


Wire Map (T568B)

PASS



Insertion Loss (dB)





Cable ID: FPC-6004-L/100

Test Limit: ISO11801 Channel Class E

Limits Version: 1.9500

Date / Time: 06/09/2026 02:37:54 PM

Operator: JACK

Headroom 2.1 dB (NEXT 4,5-7,8)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: DTX CableAnalyzer

S/N: 2433075

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MCOR39J

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2433076

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MBYW0TP

Length (ft)	[Pair 1,2]	86
Prop. Delay (ns), Limit 555	[Pair 4,5]	133
Delay Skew (ns), Limit 50	[Pair 4,5]	8
Resistance (ohms), Limit 25.0	[Pair 3,6]	16.8
Insertion Loss Margin (dB)	[Pair 3,6]	20.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	4,5-7,8	4,5-7,8	4,5-7,8
NEXT (dB)	3.2	2.1	4.3	2.1
Freq. (MHz)	153.5	170.5	193.0	170.5
Limit (dB)	36.8	36.0	35.0	36.0
Worst Pair	7,8	7,8	4,5	7,8
PS NEXT (dB)	5.4	4.6	6.4	4.6
Freq. (MHz)	54.0	175.0	193.0	175.5
Limit (dB)	41.7	32.9	32.1	32.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	4,5-3,6	3,6-4,5	7,8-3,6
ACR-F (dB)	21.0	20.8	21.7	21.6
Freq. (MHz)	95.0	144.0	222.0	250.0
Limit (dB)	23.7	20.1	16.3	15.3
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	22.6	21.9	23.8	22.0
Freq. (MHz)	96.3	144.0	247.0	222.0
Limit (dB)	20.6	17.1	12.4	13.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	4,5-7,8	4,5-7,8
ACR-N (dB)	6.8	8.8	22.8	19.3
Freq. (MHz)	3.5	17.4	193.0	170.5
Limit (dB)	60.0	44.0	3.9	6.9
Worst Pair	3,6	3,6	4,5	7,8
PS ACR-N (dB)	7.9	10.2	24.3	22.0
Freq. (MHz)	3.9	16.8	194.0	175.5
Limit (dB)	56.6	41.8	0.9	3.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	3,6	3,6	3,6
RL (dB)	2.8	6.0	5.1	7.3
Freq. (MHz)	99.5	100.5	240.0	234.5
Limit (dB)	12.0	12.0	8.2	8.3

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

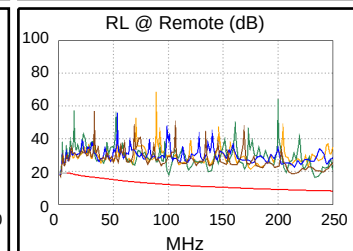
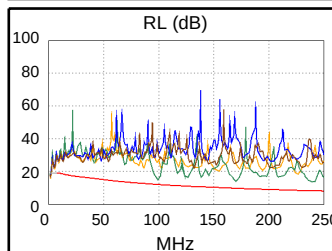
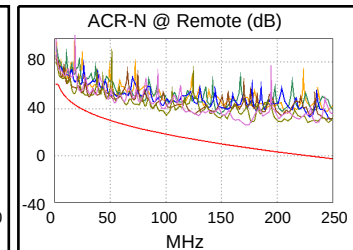
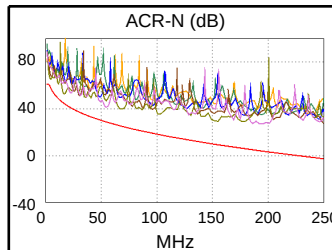
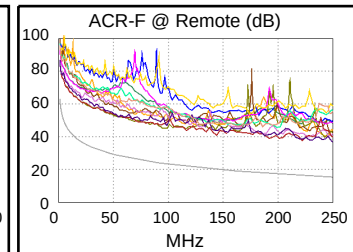
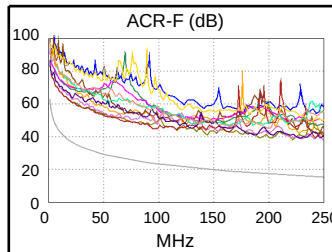
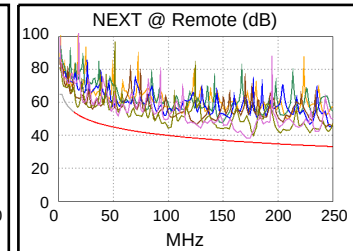
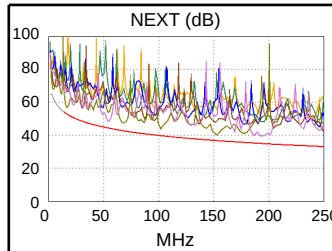
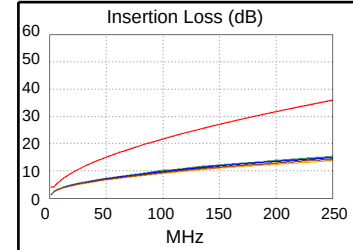
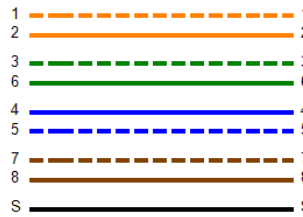
100BASE-T4
5GBASE-T
ATM-155
TR-16 Active



86 ft



Wire Map (T568B)
PASS





Cable ID: UPC-5004E-F

Test Limit: ISO11801 Channel Class D

Limits Version: 1.9500

Date / Time: 06/09/2026 02:39:00 PM

Operator: JACK

Headroom 13.8 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2433075

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MC0R39J

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2433076

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MBYW0TP

Length (ft)	[Pair 7,8]	99
Prop. Delay (ns), Limit 555	[Pair 3,6]	151
Delay Skew (ns), Limit 50	[Pair 3,6]	5
Resistance (ohms), Limit 25.0	[Pair 3,6]	23.7
Insertion Loss Margin (dB)	[Pair 1,2]	12.3
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	1,2-4,5	1,2-4,5	1,2-7,8
NEXT (dB)	13.8	14.2	15.0	16.0
Freq. (MHz)	22.4	31.0	85.8	89.3
Limit (dB)	41.2	38.8	31.2	30.9
Worst Pair	4,5	4,5	1,2	1,2
PS NEXT (dB)	15.3	15.4	16.4	18.6
Freq. (MHz)	22.6	30.6	85.5	89.3
Limit (dB)	38.1	35.9	28.3	27.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	13.0	12.9	13.0	12.9
Freq. (MHz)	93.8	93.5	93.8	94.3
Limit (dB)	18.0	18.0	18.0	17.9
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	14.5	14.7	14.5	15.1
Freq. (MHz)	76.3	76.3	93.8	93.8
Limit (dB)	16.8	16.8	15.0	15.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-4,5	1,2-7,8
ACR-N (dB)	16.9	16.7	26.4	27.7
Freq. (MHz)	3.1	3.1	85.8	89.3
Limit (dB)	51.3	51.3	9.1	8.4
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-N (dB)	17.6	17.1	27.8	30.1
Freq. (MHz)	2.5	3.1	85.5	89.3
Limit (dB)	49.9	48.3	6.2	5.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	7,8	7,8
RL (dB)	4.3	3.5	4.8	3.5
Freq. (MHz)	35.8	66.8	66.8	66.8
Limit (dB)	14.5	11.8	11.8	11.8

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-51 ATM-155
TR-4 TR-16 Active

100BASE-T4
ATM-25
100VG-AnyLan
TR-16 Passive

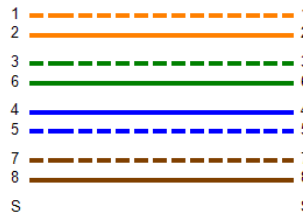


99 ft

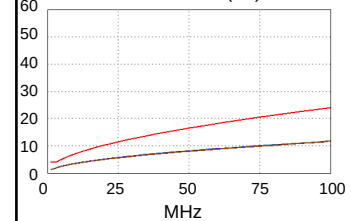


Wire Map (T568B)

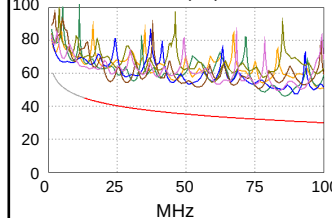
PASS



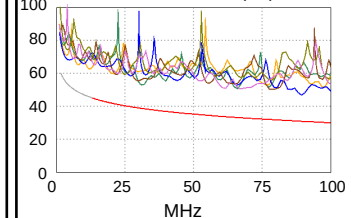
Insertion Loss (dB)



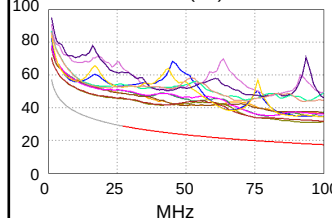
NEXT (dB)



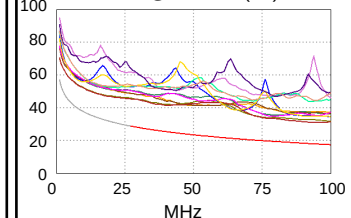
NEXT @ Remote (dB)



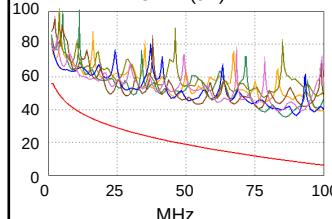
ACR-F (dB)



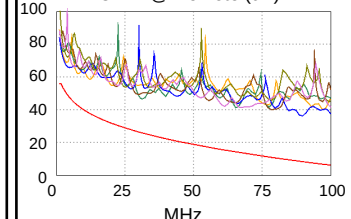
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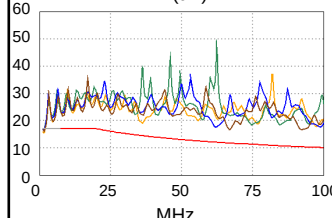
ACR-N (dB)



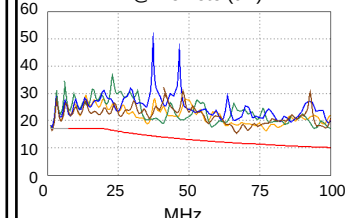
ACR-N @ Remote (dB)



RL (dB)



RL @ Remote (dB)





Cable ID: UPC-5004E-L/100

Test Limit: ISO11801 Channel Class D

Limits Version: 1.9500

Date / Time: 06/09/2026 02:40:10 PM

Operator: JACK

Headroom 18.2 dB (NEXT 1,2-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2433075

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MC0R39J

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2433076

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MBYW0TP

Length (ft)	[Pair 7,8]	83
Prop. Delay (ns), Limit 555	[Pair 3,6]	127
Delay Skew (ns), Limit 50	[Pair 3,6]	5
Resistance (ohms), Limit 25.0	[Pair 4,5]	12.3
Insertion Loss Margin (dB)	[Pair 3,6]	14.7
Frequency (MHz)	[Pair 3,6]	100.0
Limit (dB)	[Pair 3,6]	24.0

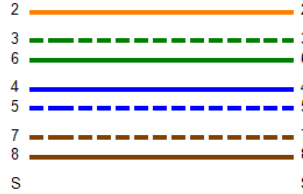


83 ft

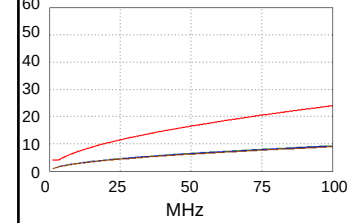


Wire Map (T568B)

PASS

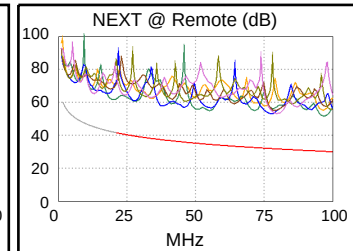
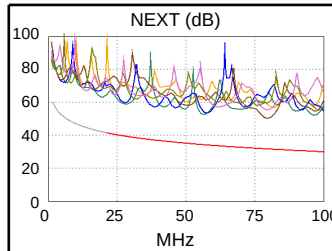


Insertion Loss (dB)

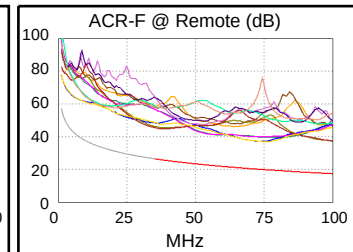
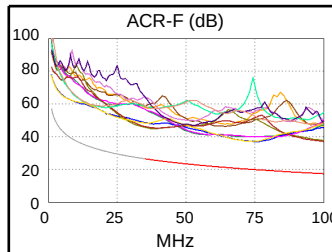


Worst Case Margin Worst Case Value

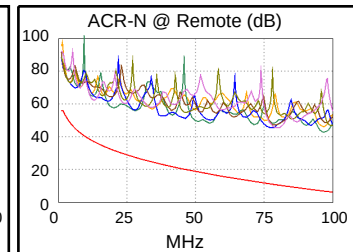
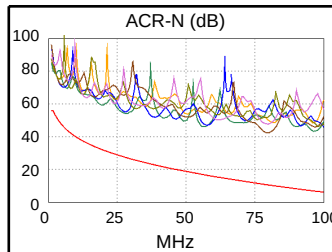
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	3,6-4,5	1,2-4,5
NEXT (dB)	18.2	19.7	18.5	21.3
Freq. (MHz)	56.3	19.9	79.3	96.5
Limit (dB)	34.4	42.0	31.8	30.3
Worst Pair	1,2	1,2	4,5	1,2
PS NEXT (dB)	18.7	20.9	20.2	22.3
Freq. (MHz)	56.3	27.4	79.3	96.5
Limit (dB)	31.4	36.7	28.8	27.3



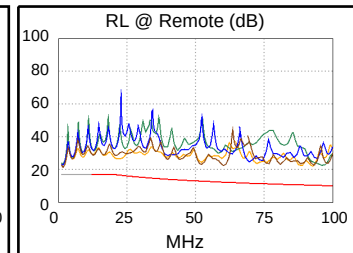
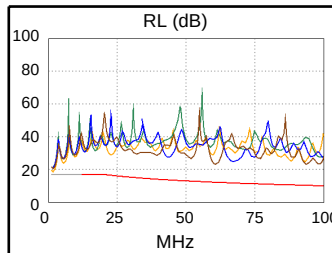
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-7,8	7,8-1,2
ACR-F (dB)	17.0	17.0	17.0	17.0
Freq. (MHz)	74.5	72.5	74.5	75.3
Limit (dB)	20.0	20.2	20.0	19.9
Worst Pair	1,2	1,2	1,2	1,2
PS ACR-F (dB)	17.9	18.0	17.9	18.1
Freq. (MHz)	73.3	70.3	73.3	74.5
Limit (dB)	17.1	17.5	17.1	17.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	3,6-7,8	3,6-4,5	1,2-4,5
ACR-N (dB)	23.1	23.5	31.6	35.9
Freq. (MHz)	4.4	3.4	79.3	96.5
Limit (dB)	48.2	50.6	10.7	6.8
Worst Pair	3,6	3,6	4,5	1,2
PS ACR-N (dB)	22.9	22.2	33.3	37.0
Freq. (MHz)	3.4	3.4	79.3	96.5
Limit (dB)	47.6	47.6	7.7	3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	7,8	1,2
RL (dB)	10.8	9.8	10.8	11.5
Freq. (MHz)	60.8	21.1	60.8	88.3
Limit (dB)	12.2	16.8	12.2	10.5



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive



Cable ID: UPC-5004E-SOL-R

Test Limit: ISO11801 Channel Class D

Limits Version: 1.9500

Date / Time: 06/09/2026 02:41:33 PM

Operator: JACK

Headroom 3.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2433075

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MCOR39J

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2433076

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MBYW0TP

Length (ft)	[Pair 1,2]	229
Prop. Delay (ns), Limit 555	[Pair 3,6]	347
Delay Skew (ns), Limit 50	[Pair 3,6]	10
Resistance (ohms), Limit 25.0	[Pair 4,5]	21.0
Insertion Loss Margin (dB)	[Pair 4,5]	4.7
Frequency (MHz)	[Pair 4,5]	96.3
Limit (dB)	[Pair 4,5]	23.5

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	4,5-7,8	3,6-4,5
NEXT (dB)	4.4	3.7	7.1	7.6
Freq. (MHz)	23.1	21.1	75.3	96.0
Limit (dB)	40.9	41.6	32.2	30.4
Worst Pair	7,8	4,5	7,8	4,5
PS NEXT (dB)	4.9	4.0	8.5	8.0
Freq. (MHz)	23.1	21.1	75.0	96.0
Limit (dB)	37.9	38.6	29.2	27.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	7,8-4,5	4,5-7,8
ACR-F (dB)	2.0	2.0	3.9	5.0
Freq. (MHz)	36.8	36.0	96.3	96.0
Limit (dB)	26.1	26.3	17.7	17.8
Worst Pair	3,6	4,5	4,5	7,8
PS ACR-F (dB)	4.1	4.0	6.3	6.7
Freq. (MHz)	36.0	36.0	96.3	96.3
Limit (dB)	23.3	23.3	14.7	14.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	4,5-7,8	3,6-4,5
ACR-N (dB)	6.6	5.7	12.3	12.4
Freq. (MHz)	23.1	21.1	75.3	96.0
Limit (dB)	29.9	31.1	11.6	6.9
Worst Pair	7,8	4,5	4,5	4,5
PS ACR-N (dB)	6.9	6.0	15.6	12.8
Freq. (MHz)	7.9	21.1	88.0	96.0
Limit (dB)	39.4	28.1	5.6	3.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	3,6	7,8
RL (dB)	10.3	4.4	12.7	5.5
Freq. (MHz)	3.5	37.5	96.8	71.0
Limit (dB)	17.0	14.3	10.1	11.5

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-51 ATM-155
TR-4 TR-16 Active

100BASE-T4
ATM-25
100VG-AnyLan
TR-16 Passive

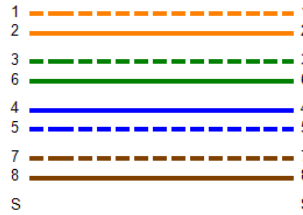


229 ft

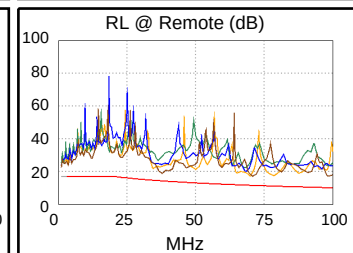
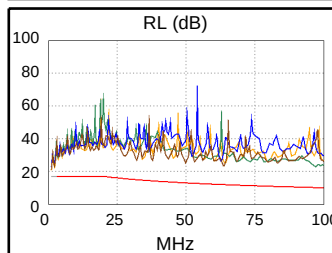
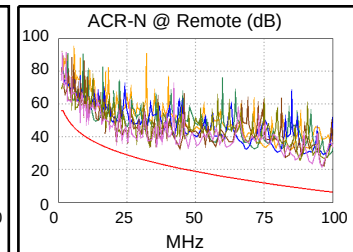
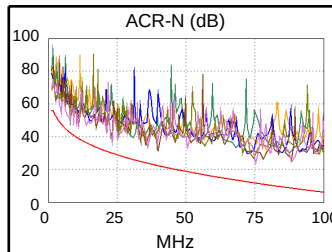
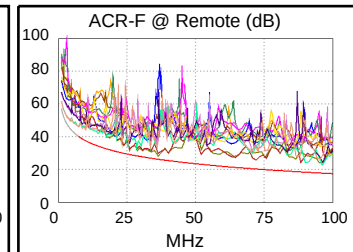
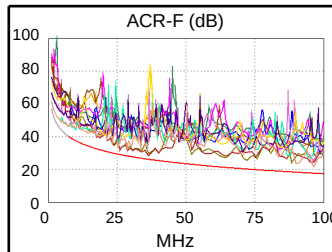
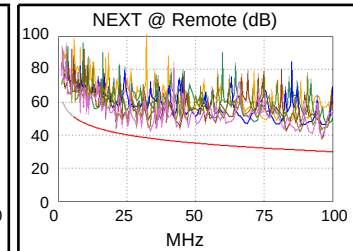
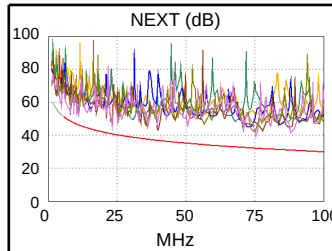
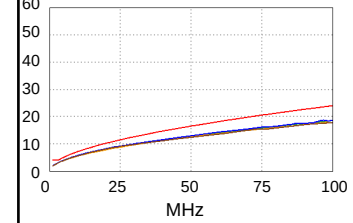


Wire Map (T568B)

PASS



Insertion Loss (dB)





Cable ID: UPC-6004SE-SOL

Test Limit: ISO11801 Channel Class E

Limits Version: 1.9500

Date / Time: 06/09/2026 02:50:04 PM

Operator: JACK

Headroom 3.3 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: DTX CableAnalyzer

S/N: 2433075

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MCOR39J

Test Summary: PASS

Remote: DTX CableAnalyzer

S/N: 2433076

Software Version: 2.7800

Calibration Date: 11/23/2023

Adapter: DTX-CHA002

S/N: MBYW0TP

Length (ft)	[Pair 7,8]	241
Prop. Delay (ns), Limit 555	[Pair 3,6]	369
Delay Skew (ns), Limit 50	[Pair 3,6]	13
Resistance (ohms), Limit 25.0	[Pair 3,6]	18.7
Insertion Loss Margin (dB)	[Pair 3,6]	5.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-4,5	1,2-7,8	3,6-7,8
NEXT (dB)	5.9	3.3	14.2	9.2
Freq. (MHz)	19.8	34.0	229.5	199.0
Limit (dB)	51.7	47.8	33.8	34.8
Worst Pair	7,8	1,2	1,2	3,6
PS NEXT (dB)	7.2	5.4	16.1	10.6
Freq. (MHz)	9.6	34.0	230.0	199.0
Limit (dB)	54.3	45.1	30.8	31.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	3.0	3.4	3.0	3.7
Freq. (MHz)	248.5	26.8	248.5	248.5
Limit (dB)	15.4	34.7	15.4	15.4
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	5.9	5.2	5.9	5.2
Freq. (MHz)	248.0	248.5	248.0	248.5
Limit (dB)	12.4	12.4	12.4	12.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-4,5	1,2-7,8	3,6-7,8
ACR-N (dB)	7.6	5.1	20.9	15.5
Freq. (MHz)	19.8	34.0	229.5	199.0
Limit (dB)	42.5	35.5	-0.5	3.2
Worst Pair	7,8	1,2	3,6	3,6
PS ACR-N (dB)	8.5	7.5	23.7	15.3
Freq. (MHz)	9.5	34.0	238.5	199.0
Limit (dB)	48.0	32.8	-4.5	0.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.3	4.6	6.6	7.1
Freq. (MHz)	36.3	38.5	232.5	215.5
Limit (dB)	16.2	16.1	8.3	8.7

Compliant Network Standards:

10BASE-T 100BASE-TX
1000BASE-T 2.5GBASE-T
ATM-25 ATM-51
100VG-AnyLan TR-4
TR-16 Passive

100BASE-T4
5GBASE-T
ATM-155
TR-16 Active



241 ft



Wire Map (T568B)
PASS

