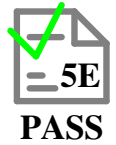
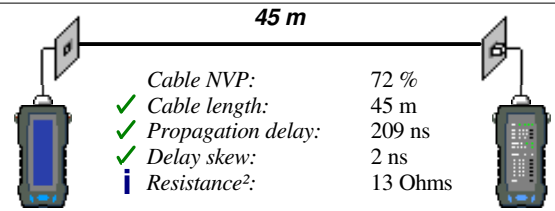


WireScope 350



Cable Certification Report (PowerSum data)

Limit: TIA-568B Category 5E Link
 Tested: 11/23/2010 9:51 AM
 Cable: Unspecified
 WS 350 US41180143 with Agilent Technologies Cat 6 Link (4422)
 DR 350 US4032012L with Agilent Technologies Cat 6 Link (1535)



✓ Attenuation (dB)	Value	@MHz	Limit	Margin	Wiremap (pairing T568B)				
Pair 1 (4,5)	11.6	100.00	21.0	9.4					
Pair 2 (1,2)	11.6	99.50	20.9	9.3					
Pair 3 (3,6)	11.9	100.00	21.0	9.1					
Pair 4 (7,8)	11.5	100.00	21.0	9.5					

✓ PowerSum NEXT (dB)	Local	@MHz	Limit	Margin	Remote	@MHz	Limit	Margin
Pair 1 (4,5)	41.6	60.00	32.9	8.7	41.5	60.00	32.9	8.6
Pair 2 (1,2)	43.8	60.00	32.9	10.9	40.9	69.50	31.9	9.0
Pair 3 (3,6)	40.4	60.00	32.9	7.5	38.7	69.75	31.8	6.9
Pair 4 (7,8)	43.2	60.00	32.9	10.3	43.2	59.75	32.9	10.3

✓ Return Loss (dB)	Local	@MHz	Limit	Margin	Remote	@MHz	Limit	Margin
Pair 1 (4,5)	22.1	81.75	12.9	9.2	21.1	81.75	12.9	8.2
Pair 2 (1,2)	28.2	28.75	17.4	10.8	24.6	43.25	15.7	8.9
Pair 3 (3,6)	30.9	7.13	19.0	11.9	24.2	69.25	13.6	10.6
Pair 4 (7,8)	28.2	33.75	16.7	11.5	24.5	45.75	15.4	9.1

✓ PowerSum ELFEXT (dB)	Atten(TX)	@MHz	Limit	Margin	Atten(RX)	@MHz	Limit	Margin
Pair 1 (4,5)	65.1	1.13	54.6	10.5	27.6	87.50	16.8	10.8
Pair 2 (1,2)	23.6	98.25	15.8	7.8	25.9	73.50	18.3	7.6
Pair 3 (3,6)	25.9	79.25	17.6	8.3	24.1	98.75	15.7	8.4
Pair 4 (7,8)	67.5	2.13	49.1	18.4	61.8	3.38	45.0	16.8

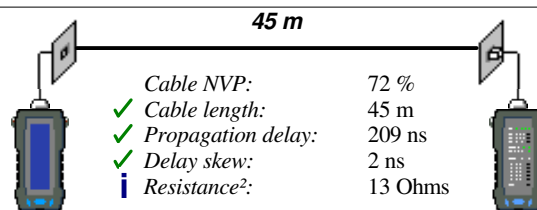
² Not required for selected limit

WireScope 350

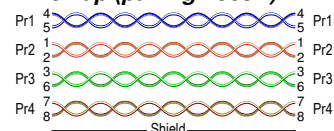


Cable Certification Report (Pair-to-pair data)

Limit: TIA-568B Category 5E Link
 Tested: 11/23/2010 9:51 AM
 Cable: Unspecified
 WS 350 US41180143 with Agilent Technologies Cat 6 Link (4422)
 DR 350 US4032012L with Agilent Technologies Cat 6 Link (1535)



✓ Attenuation (dB)	Value	@MHz	Limit	Margin
Pair 1 (4,5)	11.6	100.00	21.0	9.4
2 (1,2)	11.6	99.50	20.9	9.3
3 (3,6)	11.9	100.00	21.0	9.1
4 (7,8)	11.5	100.00	21.0	9.5

Wiremap (pairing T568B)

✓ NEXT (dB)	Local	@MHz	Limit	Margin	Remote	@MHz	Limit	Margin
Combo 1-3	43.8	60.00	36.0	7.8	42.7	69.75	34.9	7.8
3-2	44.6	60.00	36.0	8.6	41.2	69.75	34.9	6.3
2-4	52.0	60.00	36.0	16.0	51.9	59.75	36.0	15.9
1-4	45.5	59.75	36.0	9.5	45.2	60.00	36.0	9.2
1-2	80.7	1.25	60.0	20.7	78.5	1.38	60.0	18.5
3-4	47.6	61.75	35.7	11.9	46.6	82.25	33.7	12.9

✓ Return Loss (dB)	Local	@MHz	Limit	Margin	Remote	@MHz	Limit	Margin
Pair 1 (4,5)	22.1	81.75	12.9	9.2	21.1	81.75	12.9	8.2
2 (1,2)	28.2	28.75	17.4	10.8	24.6	43.25	15.7	8.9
3 (3,6)	30.9	7.13	19.0	11.9	24.2	69.25	13.6	10.6
4 (7,8)	28.2	33.75	16.7	11.5	24.5	45.75	15.4	9.1

✓ ELFEXT (dB)	Atten(TX)	@MHz	Limit	Margin	Atten(RX)	@MHz	Limit	Margin
Combo 1-3	34.3	70.25	21.7	12.6	34.0	70.25	21.7	12.3
3-2	25.3	97.00	18.9	6.4	27.7	73.50	21.3	6.4
2-4	68.2	12.50	36.7	31.5	68.3	12.50	36.7	31.6
1-4	75.7	1.38	55.8	19.9	75.6	1.38	55.8	19.8
1-2	66.4	1.13	57.6	8.8	66.4	1.13	57.6	8.8
3-4	61.5	4.13	46.3	15.2	61.3	4.13	46.3	15.0
3-1	34.5	70.00	21.7	12.8	34.7	70.00	21.7	13.0
2-3	25.4	99.25	18.7	6.7	25.1	99.25	18.7	6.4
4-2	56.1	100.00	18.6	37.5	56.1	100.00	18.6	37.5
4-1	80.8	2.63	50.2	30.6	80.7	2.63	50.2	30.5
2-1	28.4	92.75	19.3	9.1	28.2	94.75	19.1	9.1
4-3	67.5	2.13	52.1	15.4	67.5	2.13	52.1	15.4

² Not required for selected limit