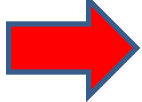


PVA (PHY Test Suite) Estimated 802.3 Parameters

PVA Measurements



Low Frequency PSD									
Link Rate	Frequency		Pair 1 PSD	Pair 2 PSD	Pair 3 PSD	Pair 4 PSD	Average	Min PSD	Units
100BaseTX	0.02	MHz		0.1	-0.1		0	-0.1	dB
	0.08	MHz		0.3	0.1		0.2	0.1	dB
	0.33	MHz		0.5	0.4		0.45	0.4	dB
	1	MHz		0.5	0.4		0.45	0.4	dB
	2	MHz		0.5	0.4		0.45	0.4	dB
1000BaseT	0.02	MHz	-0.2	-0.5	-0.6	-0.6	-0.475	-0.6	dB
	0.08	MHz	-0.2	-0.4	-0.5	-0.5	-0.4	-0.5	dB
	0.33	MHz	-0.1	0	0	0	-0.025	-0.1	dB
	1	MHz	-0.1	0	0	0	-0.025	-0.1	dB
	2	MHz	-0.1	0	0	0	-0.025	-0.1	dB

Estimated 802.3 Parameters

Derived from Measurements



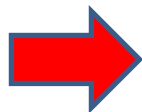
Estimated Pk-Pk Voltage & Droop		Pair 1 Vpp	Pair 2 Vpp	Pair 3 Vpp	Pair 4 Vpp
100BaseTX	UTP Diff. Volts Pk-Pk		2.113	2.089	
	500ns Droop%, >2.4µsec τ		97.8%	97.6%	
1000BaseT	Pk. Diff. Volts T.S. #1 A->B	1.489	1.506	1.506	1.506
	Droop% T.S. #1 F->G,H->J	95.5%	94.8%	94.6%	94.6%

PSD Trace Color Key:

Pair 1 Pair 2 Pair 3 Pair 4

Marginal Limit Line Failing Limit Line

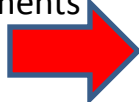
PVA Measurements



Wide Band PSD									
Link Rate	Frequency		Pair 1 PSD	Pair 2 PSD	Pair 3 PSD	Pair 4 PSD	Average	Min PSD	Units
100BaseTX	4	MHz		0.5	0.4		0.45	0.4	dB
	16	MHz		0.4	0.4		0.4	0.4	dB
	31	MHz		0.4	0.3		0.35	0.3	dB
	55	MHz		0.2	0.2		0.2	0.2	dB
	76	MHz		-0.3	-0.2		-0.25	-0.3	dB
	100	MHz		-0.7	-0.1		-0.4	-0.7	dB
1000BaseT	4	MHz	-0.1	0.1	-0.1	-0.1	-0.05	-0.1	dB
	16	MHz	-0.1	-0.1	0.1	-0.1	-0.05	-0.1	dB
	31	MHz	-0.2	-0.3	-0.2	-0.2	-0.225	-0.3	dB
	55	MHz	-0.6	-0.8	-0.6	-0.7	-0.675	-0.8	dB
	76	MHz	-1.1	-1.5	-1.1	-1.3	-1.25	-1.5	dB
	88	MHz	-1.2	-2.1	-1.7	-1.8	-1.7	-2.1	dB

Estimated 802.3 Parameters

Derived from Measurements



Estimated Mask Fits		Pair 1 Fit	Pair 2 Fit	Pair 3 Fit	Pair 4 Fit
100BaseTX	Rise/Fall Time: 4±1 nsec		4.26	4.08	
1000BaseT	Test Signal #1 Mask Fit	Fit_OK	Fit_OK	Fit_OK	Fit_OK

Pair 1 Pair 2 Pair 3 Pair 4

Marginal Limit Line Failing Limit Line