



Product Specification sheet

Cat # P2324 Cat 5E Right-angle Keystone Coupler

Certification Report

	Limit	12	36	45	78
Length (m)	(94.0)	88.1	85.0	87.5	84.8
Delay (ns)	(518)	426	411	423	410
Skew (ns)	(45)	16			

Autotest: Cat 5E Link
 Cable: Lucent 1071-4
 NVP: 69

Wiremap	Expected	Actual
Scanner	12345678	12345678
Remote	12345678	12345678

Attenuation Overall Margin (dB)* 4.0			
Pairs	dB	Margin	MHz
12	17.6	4.0	99.4
36	17.4	4.3	99.9
45	17.3	4.3	99.7
78	17.1	4.5	99.7

Return Loss Overall Margin (dB)* 5.3						
Pairs	dB	Scanner Margin	MHz	dB	Remote Margin	MHz
12	22.2	9.4	80.5	21.3	8.2	72.9
36	23.0	6.0	18.1	23.7	7.1	22.8
45	20.8	7.3	64.4	19.7	6.9	81.0
78	23.4	6.4	20.1	21.1	5.3	28.6

NEXT Overall Margin (dB)* 5.0						
Pairs	dB	Scanner Margin	MHz	dB	Remote Margin	MHz
12/36	47.8	5.0	22.8	49.6	6.8	22.8
12/45	47.6	7.2	31.8	51.4	8.9	23.7
12/78	52.9	17.0	60.1	63.4	17.5	14.5
36/45	43.0	10.3	95.4	49.7	13.1	54.5
36/78	56.0	9.7	13.8	54.3	8.0	13.8
45/78	47.7	13.3	74.9	51.2	13.2	45.3

PSNEXT Overall Margin (dB)* 6.6						
Pairs	dB	Scanner Margin	MHz	dB	Remote Margin	MHz
12	44.0	6.6	31.8	50.0	8.9	18.7
36	47.2	7.4	22.8	51.8	8.6	14.0
45	46.8	9.5	32.0	50.7	11.2	23.7
78	55.7	12.4	13.8	53.2	10.0	14.0

ELFEXT Overall Margin (dB)* 10.9						
Pairs	DB	Scanner Margin	MHz	dB	Remote Margin	MHz
12/36	46.1	21.6	60.1	45.1	20.7	60.6
12/45	43.3	11.0	24.4	35.1	11.2	63.9
12/78	46.3	20.5	51.6	46.0	20.3	51.8
36/12	44.9	20.5	60.6	45.9	21.5	60.1
36/45	38.6	16.2	75.4	38.1	17.6	94.5
36/78	46.6	11.3	17.2	47.1	12.0	17.6
45/12	34.9	11.0	63.9	43.2	10.9	24.4
45/36	38.0	17.5	94.5	38.6	16.1	75.4
45/78	41.3	18.8	74.9	43.7	17.9	51.1
78/12	45.8	20.0	51.8	46.1	20.3	51.6
78/36	47.0	11.9	17.6	46.6	11.3	17.2
78/45	43.7	17.8	51.1	41.2	18.6	74.9

PSELFEXT Overall Margin (dB)* 13.1						
Pairs	dB	Scanner Margin	MHz	dB	Remote Margin	MHz
12	34.8	13.9	63.9	43.1	13.8	24.4
36	46.8	14.7	17.6	46.4	14.1	17.2
45	34.3	13.4	63.9	34.0	13.1	63.9
78	46.6	14.3	17.2	46.9	14.8	17.6

* Overall Margin value is the worst margin for the Scanner and the Remote.



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