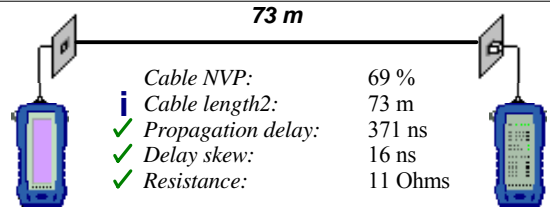


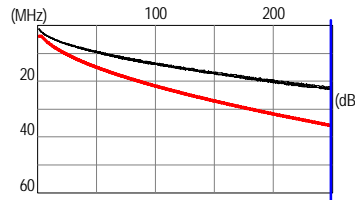
Cable Certification Report (Pair-to-pair data)

Limit: [ISO/IEC 11801 Ed 2] Class E Channel
 Tested: 19/12/2008 11:56:39
 Cable: ICS cat6 (custom)
 WS Pro SG47251194 with Cat6A Universal Channel (106)
 DR Pro SG47261190 with Cat6A Universal Channel (103)
 Profile: Default Class E
 Operator: Kozak Zbigniew

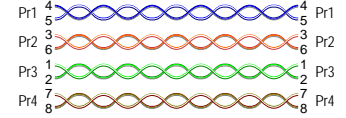


✓ Insertion loss (dB)

Worst pins: (7,8)
 Value (dB): 23,0
 Limit (dB): 35,9
 Margin (dB): 12,9
 Frequency (MHz): 249,00

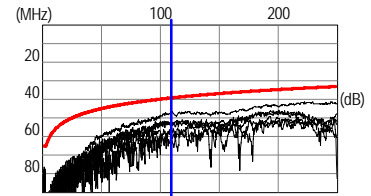
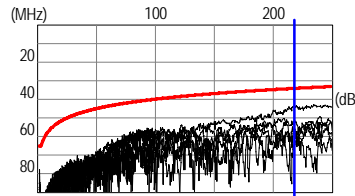


Wiremap (pairing Pins)



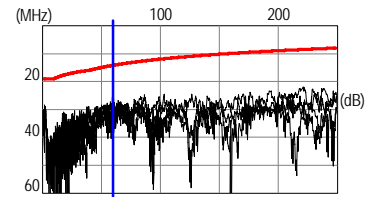
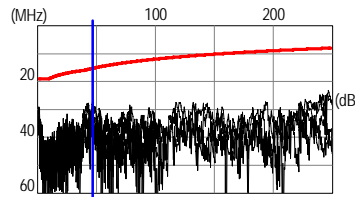
✓ NEXT (dB)

	@WS	@DR
Worst combo:	(4,5) - (1,2)	(4,5) - (3,6)
Value (dB):	43,2	46,5
Limit (dB):	34,1	39,3
Margin (dB):	9,1	7,2
Frequency (MHz):	218,00	109,50



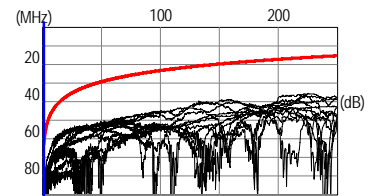
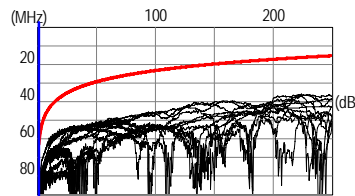
✓ Return loss (dB)

	@WS	@DR
Worst pins:	(4,5)	(4,5)
Value (dB):	26,9	25,4
Limit (dB):	15,3	14,2
Margin (dB):	11,6	11,2
Frequency (MHz):	46,50	59,75



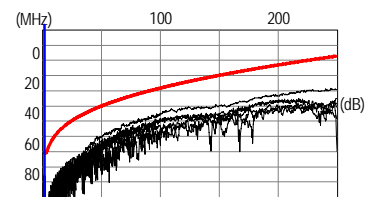
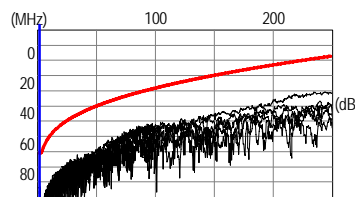
✓ ACR-F (dB)

	Atten(TX)	Atten(RX)
Worst combo:	(4,5) - (1,2)	(4,5) - (1,2)
Value (dB):	76,7	76,5
Limit (dB):	63,3	63,3
Margin (dB):	13,4	13,2
Frequency (MHz):	1,00	1,00



✓ ACR-N (dB)

	@WS	@DR
Worst combo:	(1,2) - (7,8)	(3,6) - (1,2)
Value (dB):	76,4	75,1
Limit (dB):	64,8	65,0
Margin (dB):	11,6	10,1
Frequency (MHz):	1,75	1,38



Networks tested

100 Base-Tx	PASS	1000 Base-T	PASS
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2 Not required for selected limit