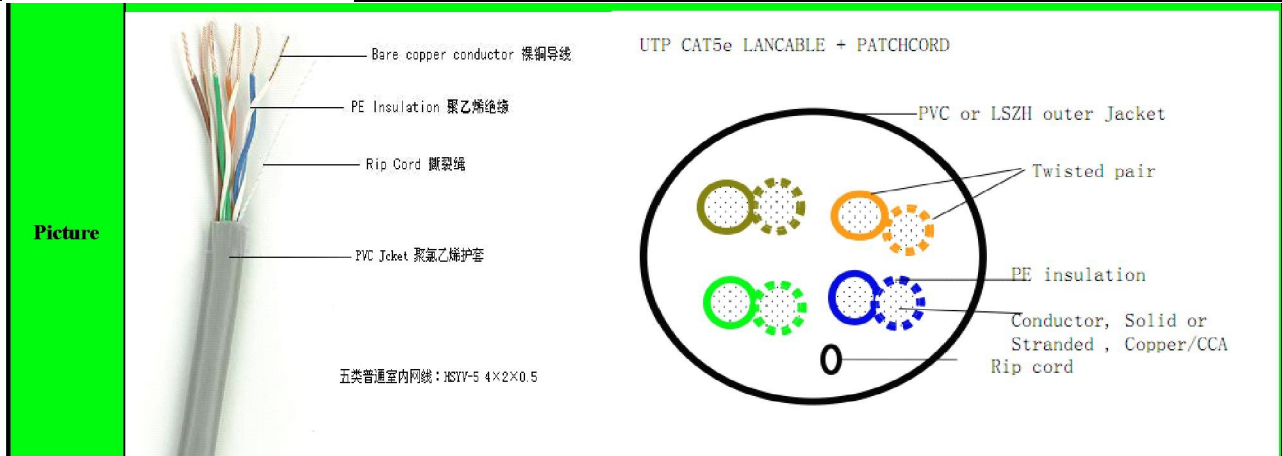




http://www.atlux.com.ua

Type		UTP CAT5 Enhanced Solid CABLE	
Applications		<ul style="list-style-type: none"> <li>•Horizontal and Building Backbone Cable.</li> <li>• Category 5e, Gigabit Ethernet, 100Base-TX, 100Base VG ANYLAN, 155ATM, 622ATM, Token ring, TP-PMD Audio, Multimedia and Telephone network, etc.</li> </ul>	
Descriptions		24AWG Solid bare copper conductors, polyethylene (PE)insulation , PVC jacket, rip cord	
Standard		TIA/EIA 568A/568B IEEE802.3U/IEEE 802.5 ISO/TEC 11801 EN50173	
Conductor	Material	Solid Bare Copper (Copper Clad Aluminium also available)	
	Diameter	24AWG (1/0.50 ± 0.02mm)	
	Construction	4*2*0.50mm	
Ripcord		yes	
Drain		no	
Dielectric	Material	HDPE	
	Insulation Colors	green orange brown blue	
	Insulation thickness	0.269mm ± 0.05mm	
	Insulation OD	0.90mm ± 0.05mm	
	Pair	Unshielded 4 Twisted Pair	
Pair	Pair Color Code Chart		
	Number	Color	Function
	1	white/blue stripe & blue	Unused & Unused
	2	white/orange stripe & orange	Transmit data+ & Transmit data-
	3	white/green stripe & green	Receive Data+& Receive Data-
4	white/ brown stripe & brown	Unused & Unused	
Jacket	Material	PVC - Polyvinyl Chloride	
	Color	Grey	
	Thickness	0.7mm ± 0.1mm	
Nominal O.E	Overall Diameter	5.3mm ± 0.3mm	
Bulk Cable Weight		8.9kgs/305m	
Storage Temperature Range		-40°CTo+70°C	
Operating Temperature Range		-20°CTo+70°C	
Work Datapass		Min.>=180m-200m	
Rated Temperate		70c	
Flame Rating		No Plenum	
Packing	packing	1000 ft/roll	
	Package	Paper carton	
	Carton Size	Copper conductor	46*35*36CM
	OTY /CTN	Copper conductor	2box/carton
Certificates		CE,ROHS & ISO 9001:2008	

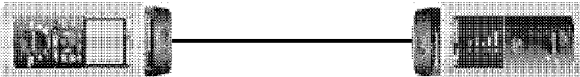


Date / Time: 07/27/2009 05:56:50pm  
 Headroom: 6.0 dB (NEXT 12-36)  
 Test Limit: TIA Cat 5e Channel  
 Cable Type: UTP 100 Ohm Cat 5e  
 Fault Anomaly Threshold: 15%

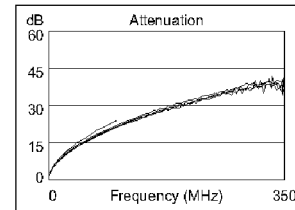
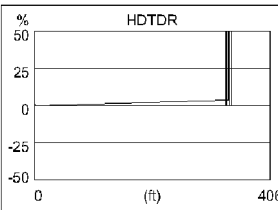
Operator: Your Name  
 Software Version: 1.912  
 Limits Version: 5.17c  
 NVP: 69.0%  
 Shield Test: N/A

Model: DSP-4300  
 Main S/N: 8553012  
 Remote S/N: 8553012  
 Main Adapter: LIA-013  
 Remote Adapter: LIA-012

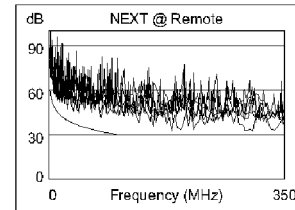
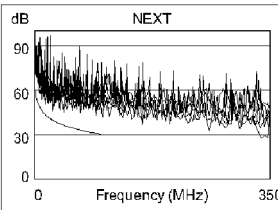
Wire Map	1 2 3 4 5 6 7 8 S
PASS	
	1 2 3 4 5 6 7 8



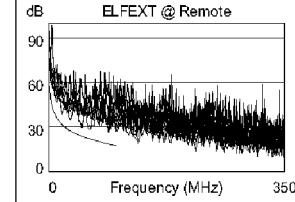
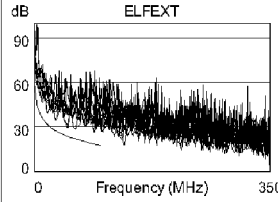
Length (ft), Limit 328	[Pair 78]	330
Prop. Delay (ns), Limit 555	[Pair 45]	501
Delay Skew (ns), Limit 50	[Pair 45]	15
Resistance (ohms)		N/A
Attenuation (dB)	[Pair 45]	1.8
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0



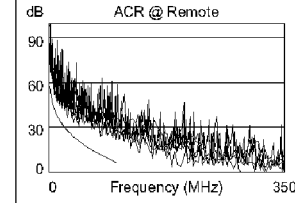
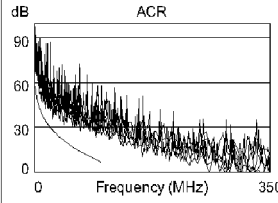
PASS	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	36-78
<b>NEXT (dB)</b>	6.0	7.7	12.2	9.3
Freq. (MHz)	10.2	27.5	91.8	77.6
Limit (dB)	46.9	39.7	30.7	32.0
Worst Pair	12	12	12	36
<b>PSNEXT (dB)</b>	8.0	9.5	13.3	11.1
Freq. (MHz)	26.8	36.4	91.8	77.6
Limit (dB)	36.9	34.6	27.7	29.0



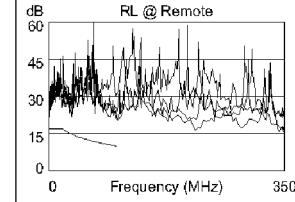
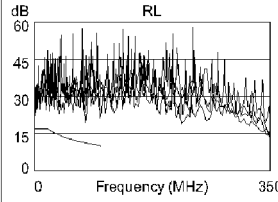
PASS	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	78-12	78-12
<b>ELFEXT (dB)</b>	5.4	5.4	8.7	8.8
Freq. (MHz)	49.2	49.2	100.0	100.0
Limit (dB)	23.6	23.6	17.4	17.4
Worst Pair	78	12	12	78
<b>PSELFEXT (dB)</b>	8.1	7.7	10.2	10.9
Freq. (MHz)	49.2	49.2	100.0	100.0
Limit (dB)	20.6	20.6	14.4	14.4



PASS	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-78	36-78
<b>ACR (dB)</b>	6.6	8.6	14.9	15.5
Freq. (MHz)	10.2	7.7	91.8	99.6
Limit (dB)	39.7	42.7	7.8	6.1
Worst Pair	36	12	12	36
<b>PSACR (dB)</b>	9.1	10.4	15.9	16.9
Freq. (MHz)	10.2	12.2	91.8	99.6
Limit (dB)	36.7	34.7	4.8	3.1



PASS	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
Worst Pair	78	12	12	36
<b>RL (dB)</b>	6.7	6.6	8.1	10.6
Freq. (MHz)	2.4	33.8	75.8	100.0
Limit (dB)	17.0	14.8	11.2	10.0



Compliant Network Standards:  
 10BASE-T                    100BASE-TX                    100BASE-T4  
 1000BASE-T                ATM-25                         ATM-51  
 ATM-155                    100VG-AnyLan                TR-4  
 TR-16 Active                TR-16 Passive