

Lantek 6 & 7 LAN Cable Testers



Features & Benefits

- ✘ The LanTek 7 is the first fully compliant tester for the emerging Category 7 standards
- ✘ The LanTek 6 can perform a full Category 6 auto test in less than 25 seconds
- ✘ LanTek 6 is fully upgradeable to the LanTek 7
- ✘ Both units come in a soft carry case

The LanTek 6 and 7 LAN testers have been developed to make Cabling System testing quicker and easier than ever.

The LanTek 7 is the first cable tester fully compliant with the emerging Category 7/ISO F standards, certifying installations up to 750MHz.

The LanTek 6 is a fully compliant Category 6 /ISO E cable tester with a frequency range of up to 350MHz which also surpasses Level III accuracy. The LanTek 6 can perform a full Category 6 or ISO E auto test in less than 25 seconds.

Specification (cont.)

Autotest storage Capacity (External 32 MB Memory Flash)	
No graphics	Up to 24 000 Tests
With Graphics	Up to 400 Tests with 32MB
	Up to 3200 Tests with 256 MB
	*depending on autotest categories
Autotest Time (350MHz)	Approx 25 Seconds
Standard Test compliance ANSI/TIA/EIA 568B, Category 6 (draft)	
	ISO C/D and ISO E/F* (draft), AS/NZS 3080,
	IEEEE802.3 Ethernet, EN50173, EN50173.A1
Cable Types	*LANTEK 7 only
	UTP/ScTP/FTP, CAT 3/5E/6/7*; ISO C/D/E/F* (Channel, Basic and Permanent Link)
	IBM STP Type1, 2, 6, Coax
Dimensions	*LANTEK 7 only
	10.1" x 5.0" x 2.3" display and Remote
	256mm x 127mm x 58mm display and Remote
Weight	2.3lb(1050g) – Display, 2.0lb (914g) – Remote,
	1.2lb (548g) – Battery
Battery Pack	NiMH (rechargeable)
Typical Operating Life (battery)	8 Hours
Max. Operating Time	0°C-50°C
Max Storage Temp	-20°C - +70°C
Humidity	5-90% non condensing

Ordering Information

Product Description	Part Number
LanTek 7 LAN Cable Certifier	00A-001-700-01
LanTek 6 LAN Cable Certifier	00A-001-606-01

Specification

LanTek 7	Range	Resolution	Accuracy
Length (50-100 Ω cable)	0-2000 ft	1ft	$\pm(3\%+3ft)$
Delay	0-8000 ns	1 ns	$\pm(3\%+1ns)$
Average Impedance	35-180 Ω	0.1 Ω	$\pm(3\%+1\Omega)$
Capacitance (Bulk)	0-100nF	1 pF or 3dig	$\pm(2\%+20pF)$
Capacitance	0-100 pF/ft	0.1pF	$\pm(2\%+1pF)$
DC Loop Resistance	0-200 Ω	0.1 Ω	$\pm(1\%+2\Omega)$
Attenuation	1-750 MHz	0.1dB	Level III*
NEXT	1-750 MHz	0.1dB	Level III*
Return Loss	1-750 MHz	0.1dB	Level III*
ELFEXT	1-750 MHz	0.1dB	Level III*
Noise Floor	<-90dB		
Dynamic Range	>90dB	*Level III only specified to 250MHz	
LanTek 6	Range	Resolution	Accuracy
Length (50-100 Ω cable)	0-2000 ft	1ft	$\pm(3\%+3ft)$
Delay	0-8000 ns	1 ns	$\pm(3\%+1ns)$
Average Impedance	35-180 Ω	0.1 Ω	$\pm(3\%+1\Omega)$
Capacitance (Bulk)	0-100nF	1 pF or 3dig	$\pm(2\%+20pF)$
Capacitance	0-100 pF/ft	0.1pF	$\pm(2\%+1pF)$
DC Loop Resistance	0-200 Ω	0.1 Ω	$\pm(1\%+2\Omega)$
Attenuation	1-350 MHz	0.1dB	Level III*
NEXT	1-350 MHz	0.1dB	Level III*
Return Loss	1-350 MHz	0.1dB	Level III*
ELFEXT	1-350 MHz	0.1dB	Level III*
Noise Floor	<-90dB		
Dynamic Range	>90dB	*Level III only specified to 250MHz	
Autotest Storage Capacity (Internal memory)			
No Graphics			Up to 6000 Tests
With Graphics			Up to 100 Tests